











# Plant Inventory No. 157

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., May 1956



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n. 157-160  
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## PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1949 (NOS. 172311 TO 185795)

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This inventory, No. 157, lists the plant material (Nos. 172311 to 185795) received by the Section of Plant Introduction, Horticultural Crops Research Branch, Agricultural Research Service, during the period from January 1 to December 31, 1949. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

PAUL G. RUSSELL,  
*Botanist.*

*Plant Industry Station,  
Beltsville, Md.*





## INVENTORY

### 172311 and 172312. *TRITICUM AESTIVUM* L. Poaceae.

**Common wheat.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Castelar, Buenos Aires. Received Jan. 7, 1949.

172311. *Lin Calel*. No. 1412.

172312. *Normandie I. F.* 3006.

### 172313 to 172335. *ZEA MAYS* L. Poaceae.

**Corn.**

From Australia. Seeds presented by Cedric K. Vears, Department of Agriculture, Sydney, New South Wales. Received Jan. 7, 1949.

172313. 2040 G 47. 172325. 807.

172314. 2122 G 47. 172326. 811.

172315. 2147 G 47. 172327. 812.

172316. 2171 G 47. 172328. 814.

172317. 2206 G 47. 172329. 815.

172318. 2252 G 47. 172330. 817.

172319. 2258 G 47. 172331. 819.

172320. 2267 G 47. 172332. 822.

172321. 2367 G 47. 172333. 823.

172322. 2376 G 47. 172334. 824.

172323. 805. 172335. 829.

172324. 806.

### 172336 and 172337. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

From Sweden. Seeds presented by Gosta Julen, Swedish Seed Association Svalöf. Received Jan. 10, 1949.

172336. *Harrie*.

172337. *Merkur*.

### 172338 to 172342. *PISUM SATIVUM* L. Fabaceae.

**Pea.**

From the Netherlands. Seeds presented by P. K. Woldijk, Groningen. Received Jan. 14, 1949.

172338. *Conservo*. 172341. *Unica*.

172339. *Mansholt Pluk*. 172342. *Mansholt G. E. K.*

172340. *Rondo*.

### 172343 and 172344. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**

From Mexico. Seeds collected by Littleton C. F. Hambley, Washington, D. C. Received Jan. 28, 1949.

*Pepito*. From Mexico City. Seeds are roasted, shelled, and eaten.

172343. A.

172344. B.

**172345. VACCINIUM sp. Ericaceae.**

From India. Seeds presented by the New York Botanic Garden, New York, N. Y.  
Received Jan. 18, 1949.

K. W. 17235. Collected by the Kingdon-Ward Expedition.

**172346 and 172347. GOSSYPIMUM. Malvaceae.****Cotton.**

From Angola. Seeds presented by the Onga-Zanga Experiment Station, Luanda.  
Received Jan. 18, 1949.

172346. *Indigena*.

172347. 0-52.

**172348. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From Finland. Scions received through Haig Dermen, Bureau of Plant Industry,  
Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 18, 1949.

*Hibernal*. 4n type.

**172349. RICINUS COMMUNIS L. Euphorbiaceae.****Castorbean.**

From Italy. Seeds presented by the Instituto Nazionale di Genetica, Rome.  
Received Jan. 6, 1949.

*Strampelli*.

**172350 to 172353.**

From India. Seeds presented by Prof. G. Sankaran, India Institute of Hygiene  
and Public Health, Calcutta. Received Jan. 3, 1949.

172350. *ORYZA SATIVA L. Poaceae.*

**Rice.**

C. D. No. 7593.

172351. *HORDEUM VULGARE L. Poaceae.*

**Barley.**

C. D. No. 7592.

172352. *SETARIA ITALICA (L.) Beauv. Poaceae.*

**Foxtail millet.**

C. D. No. 7595.

172353. *PENNISETUM SPICATUM (L.) Willd. Poaceae.*

**Pearl millet.**

C. D. No. 7594.

**172354 to 172491.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau  
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Re-  
ceived Jan. 4, 1949.

Seeds collected in 1948.

172354 and 172355. *ACER NEGUNDO L. Aceraceae.*

**Boxelder.**

172354. No. 6596. Director of Forest School, Safranbolu, Zonguldak. July  
22.

172355. No. 6732. Samsun Bolge Tohum Istasyonu, Samsun, Samsun Prov-  
ince.

172356. *AEGILOPS TRIARISTATA Willd. Poaceae.*

No. 6637. Twenty km. southwest of Kastamonu, Kastamonu. July 22.  
Growing in semi-arid valley.

172357. *AEGILOPS LIGUSTICA (Sav.) Coss.*

No. 7177. Moden, Bayburt, Gumusane. Aug. 6.

172358. *AEGILOPS CYLINDRICA Host.*

No. 7241. Horasan, Pasinler, Erzurum. Aug. 8.

## 172354 to 172491—Continued

172359. *AGROPYRON REPENS* (L.) Beauv. Poaceae. Quackgrass.  
No. 7220. Pasinler, Erzurum. Aug. 7.
172360. *AGROPYRON CRISTATUM* (L.) Gaertn. Crested wheatgrass.  
No. 7237. Horasan, Pasinler, Erzurum. Aug. 8.
172361. *AGROPYRON REPENS* (L.) Beauv. Quackgrass.  
No. 7242. Horasan, Pasinler, Erzurum. Aug. 8.
172362. *AGROPYRON* sp.  
No. 7262. Zek, Sarikamis, Kars. Aug. 8.
172363. *AGROPYRON REPENS* (L.) Beauv. Quackgrass.  
No. 7277. Yagbasan, Sarikamis, Kars. Aug. 9.
172364. *AGROPYRON CANINUM* (L.) Beauv. Awned wheatgrass.  
No. 7371. Karanlikmese, Tutunli, Coruh. Aug. 12.
- 172365 to 172370. *ALLIUM SATIVUM* L. Liliaceae. Garlic.  
172365. No. 7565. Seed dealer, Igdir, Kars. Aug. 19.  
172366. No. 7725. Seed dealer, Ercis, Van. Aug. 21.  
172367. No. 7797. Seed dealer, Merkez, Van.  
172368. No. 7978. Mus, Mus. Aug. 31.  
172369. No. 8367. Seed dealer, Nizip, Gaziantep. Sept. 9.  
172370. No. 8529. Elbistan, Maras. Sept. 12.
172371. *ALTHAEA ROSEA* (L.) Cav. Malvaceae. Hollyhock.  
No. 6609. *Hatini*. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
- 172372 to 172374. *ANDROPOGON ISCHAEMUM* L. Poaceae.  
172372. No. 6618. Five km. east of Safranbolu, Zonguldak. July 22.  
172373. No. 6678. Five km. northeast of Taskopru, Kastamonu. July 23.  
172374. No. 7368. Karanlik, Tutunli, Coruh. Aug. 12.
172375. *ASTRAGALUS* sp. Fabaceae.  
No. 7181. Moden, Bayburt, Gumusane. Aug. 6.
172376. *ASTRAGALUS GLOBICEPS* Bunge.  
No. 7222. Karucuk, Erzurum. Aug. 7.
172377. *ASTRAGALUS GALEGIFORMIS* L.  
No. 7254. Zivin, Sarikamis, Kars. Aug. 8.
172378. *ASTRAGALUS* sp.  
No. 7266. Zek, Sarikamis, Kars. Aug. 8.
- 172379 and 172380. *ASTRAGALUS GALEGIFORMIS* L.  
172379. No. 7275. Yagbasan, Sarikamis, Kars. Aug. 9.  
172380. No. 7293. Dere Ici, Kars. Aug. 10.
172381. *ASTRAGALUS* sp.  
No. 7375. Tutunli, Coruh. Aug. 12.
172382. *AVENA SATIVA* L. Poaceae. Common oats.  
No. 7086. Hamsi, Trabzon. Aug. 4.
172383. *BRACHYPODIUM SYLVATICUM* (Huds.) Beauv. Poaceae.  
No. 6695. Congara, Gerze, Sinop. July 24.

**172354 to 172491—Continued**

- 172384 to 172387.** *BRASSICA NAPUS* L. Brassicaceae. **Rape.**  
 172384. No. 6654. Seed dealer, Kastamonu, Kastamonu. White type.  
 172385. No. 7162. Kisanta, Bayburt, Gumusane. Aug. 5.  
 172386. No. 7166. Kisanta, Bayburt, Gumusane. Aug. 5.  
 172387. No. 7211. Agricultural Agent, Pasinler, Erzurum. Aug. 7.
- 172388.** *BROMUS INERMIS* Leyss. Poaceae. **Smooth brome-grass.**  
 No. 7136. Ekrek, Bayburt, Gumusane. Aug. 5.
- 172389.** *BROMUS* sp.  
 No. 7187. Askale, Erzurum. Aug. 6.
- 172390 to 172397.** From Kars Province.
- 172390.** *BROMUS* sp.  
 No. 7265. Zek, Sarikamis. Aug. 8.
- 172391.** *BROMUS INERMIS* Leyss. **Smooth brome-grass.**  
 No. 7280. Yagbasan, Sarikamis. Aug. 9.
- 172392.** *BROMUS* sp.  
 No. 7286. Sarikamis. Aug. 8.
- 172393.** *BROMUS INERMIS* Leyss. **Smooth brome-grass.**  
 No. 7304. Melik. Aug. 10.
- 172394.** *BROMUS* sp.  
 No. 7339. Kumbeth, Arpacay. Aug. 11.
- 172395.** *BROMUS INERMIS* Leyss. **Smooth brome-grass.**  
 No. 7343. Cildirgolü, Cildir. Aug. 11.
- 172396.** *BROMUS* sp.  
 No. 7346. Cildirgolü, Cildir. Aug. 11. Black soil.
- 172397.** *BROMUS* sp.  
 No. 7366. Ziyaret Mountain, Ardahan. Aug. 12.
- 172398.** *CALAMAGROSTIS* sp. Poaceae.  
 No. 7186. Moden, Bayburt, Gumusane. Aug. 6.
- 172399.** *CALAMAGROSTIS* sp.  
 No. 7356. Ten km. east of Ardahan, Kars. Aug. 11.
- 172400.** *CAPPARIS SPINOSA* L. Capparidaceae. **Caper.**  
 No. 7378. Ardamic, Coruh. Aug. 12. Thorny, shrubby vine.
- 172401.** *CELOSIA CRISTATA* L. Amaranthaceae. **Common cockscomb.**  
 No. 6599. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 21.
- 172402.** *CHENOPodium* sp. Chenopodiaceae.  
 No. 6616. Five km. east of Safranbolu, Zonguldak. July 22. Used for oil plant.
- 172403.** *CORNUS MAS* L. Cornaceae. **Cornelian-cherry.**  
 No. 6707. Seed dealer, Samsun, Samsun. July 25.
- 172404 and 172405.** *CORONILLA VARIA* L. Fabaceae. **Crownvetch.**  
 172404. No. 7176. Moden, Bayburt, Gumusane. Aug. 6.  
 172405. No. 7180. Moden, Bayburt, Gumusane. Aug. 6. Wild.
- 172406.** *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**  
 No. 7133. *Dolmalik*. Agricultural Agent, Bayburt, Gumusane. Aug. 5.



## 172354 to 172491—Continued

- 172407 to 172419. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.
172407. No. 6638. Twenty-five km. southwest of Kastamonu, Kastamonu. July 22. Growing in dry semi-arid valley.
172408. No. 7090. Zigana, Torul, Gumusane. Aug. 4. Growing on steep mountainside at 1,700 m. elevation. Thin, rocky soil.
172409. No. 7104. Osluk, Bayburt, Gumusane. Aug. 4. On heavy soil in irrigated valley. Altitude 1,200 m.
172410. No. 7179. Moden, Bayburt, Gumusane. Aug. 6. On dry mountain-side, gravelly soil. Altitude 1,800 m.
- 172411 to 172414. From Erzurum Province.
172411. No. 7189. Near Askale. Aug. 6.
172412. No. 7201. Askale. Aug. 6.
172413. No. 7218. Three km. northeast of Pasinler. Aug. 7.
172414. No. 7230. Deveboyunu. Aug. 7.
- 172415 to 172419. From Kars Province.
172415. No. 7260. Zek, Sarikamis. Aug. 8.
172416. No. 7276. Yagbasan, Sarikamis. Aug. 9.
172417. No. 7291. Dere Ici. Aug. 10.
172418. No. 7341. Kumbeth, Arpacay. Aug. 11.
172419. No. 7361. Bagdat, Ardahan. Aug. 12.
172420. *DESCHAMPSIA* sp. Poaceae.
- No. 7354. Ten km. east of Ardahan, Kars. Aug. 11.
172421. *DIANTHUS* sp. Caryophyllaceae.
- No. 6598. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
172422. *DIANTHUS* sp.
- No. 7080. Macka, Trabzon. Aug. 4.
172423. *FESTUCA* sp. Poaceae.
- No. 7216. Three km. northeast of Pasinler, Erzurum. Aug. 7.
172424. *HORDEUM VULGARE* L. Poaceae. Barley.
- No. 7271. Sarikamis, Kars. Aug. 8.
172425. *IRIS* sp. Iridaceae.
- No. 6501. Susurluk, Balikesir. July 19.
172426. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.
- No. 7333. Buyukzaim, Kars. Aug. 11.
172427. *MEDICAGO SATIVA* L. Alfalfa.
- No. 7338. Five km. northwest of Arpacay, Kars. Aug. 11.
172428. *MEDICAGO FALCATA* L. Yellow-flowered alfalfa.
- No. 7347. Cildir, Kars. Aug. 11.
172429. *MEDICAGO SATIVA* L. Alfalfa.
- No. 7357. Ten km. east of Ardahan, Kars. Aug. 11.
- 172430 to 172435. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. Yellow sweetclover.
172430. No. 6565. Caycuma, Bartın, Zonguldak. July 21. Growing on heavy soil in valley field.
172431. No. 7184. Moden, Bayburt, Gumusane. Aug. 6.

**172354 to 172491—Continued****172430 to 172435—Continued**

172432. No. 7194. Askale, Erzurum. Aug. 6. On mountainside at 2,000 feet altitude.
172433. No. 7234. Horasan, Erzurum. Aug. 8.
172434. No. 7299. Camcavus, Kars. Aug. 10.
172435. No. 7315. Cilavuz, Kars. Aug. 10.
172436. *MENTHA* sp. Menthaceae.
- No. 7318. Seed store, Kars, Kars. Aug. 10. Originally from Igdir, Kars.
172437. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**
- No. 6554. Devrek, Zonguldak. July 20.
172438. *ONOBRYCHIS* sp. Fabaceae.
- No. 7172. Moden, Bayburt, Gumusane. Aug. 6.
172439. *HEDYSARUM* sp. Fabaceae.
- No. 7377. Tutunli, Coruh. Aug. 12.
172440. *PALIURUS SPINA-CHRISTI* Mill. Rhamnaceae. **Christ-thorn.**
- No. 7379. Ardamic, Coruh. Aug. 12. Ornamental thorny bush.
172441. *PANICUM MILIACEUM* L. Poaceae. **Proso.**
- No. 6539. *Dari*. Mengen, Bolu. July 20.
172442. *PETUNIA* sp. Solanaceae.
- No. 6611. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
172443. *PHALARIS ARUNDINACEA* L. Poaceae.
- No. 7278. Yagbasan, Sarikamis, Kars. Aug. 9.
172444. *PHLEUM* sp. Poaceae. **Timothy.**
- No. 7295. Dere Ici, Kars. Aug. 10.
172445. *PHLOX DRUMMONDII* Hook. Polemoniaceae.
- No. 6607. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
172446. *PORTULACA* sp. Portulacaceae.
- No. 6610. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
172447. *PORTULACA OLERACEA* L. **Purslane.**
- No. 7325. Seed store, Kars, Kars. Aug. 10. Originally from Kayseri, Kayseri.
172448. *PRUNUS CERASUS* L. Rosaceae. **Sour cherry.**
- No. 6550. Devrek, Zonguldak.
172449. *ROBINIA* sp. Fabaceae.
- No. 6594. *Sari Salkim*. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.
172450. *ROBINIA PSEUDOACACIA* L. **Common locust.**
- No. 7314. *Akasya*. Director of Normal School, Cilavuz, Kars. Aug. 10.
172451. *ROSA* sp. Rosaceae. **Rose.**
- No. 7092. *Kursburnu*. Zigana, Torul, Gumusane. Aug. 4.
172452. *RUMEX* sp. Polygonaceae.
- No. 6621. Sarpin, Arac, Kastamonu. July 22.

## 172354 to 172491—Continued

172453. *RUMEX CRISPUS* L.

No. 6633. Twenty-five km. southwest of Kastamonu, Kastamonu. Aug. 22. Growing in dry semi-arid valley.

172454. *RUMEX* sp.

No. 6683. Collected 74 km. south of Sinop. July 23. On mountainside at 800 to 900 feet altitude.

172455. *RUMEX* sp.

No. 7084. Hamsi, Macka, Trabzon. Aug. 4. On mountainside at 800 feet altitude. Soils heavy, but shallow.

172456. *RUMEX* sp.

No. 7171. Zigana, Torul, Gumusane. Aug. 4. In gravelly soil at 1,700 feet altitude.

172457. *RUMEX* sp.

No. 7178. Moden, Bayburt, Gumusane. Aug. 6. 1,800 feet altitude.

172458. *RUMEX* sp.

No. 7193. Kopdibi, Askale, Erzurum. Aug. 6. Wild type, but used as vegetable by native.

172459. *RUMEX* sp.

No. 7229. Deveboynu, Erzurum. Aug. 7.

172460. *RUMEX* sp.

No. 7238. Horasan, Pasinler, Erzurum. Aug. 8.

172461. *RUMEX* sp.

No. 7248. Asagi Mecingert, Sarikamis, Kars. Aug. 8.

172462. *RUMEX* sp.

No. 7274. Yagbasan, Sarikamis, Kars. Aug. 9.

172463. *RUMEX CRISPUS* L.

No. 7360. Bagdat, Ardahan, Kars. Aug. 12.

172464. *RUMEX* sp.

No. 7373. Karanlikmese, Tutunli, Coruh. Aug. 12.

172465. *STIPA* sp. Poaceae.

No. 6511. Autan, Kizilcahamam, Ankara. July 19.

172466. *STIPA* sp.

No. 6617. Five km. east of Safranbolu, Zonguldak. July 22.

172467. *STIPA* sp.

No. 7190. Kap Dagi, Askale, Erzurum. Aug. 6.

172468. *STIPA* sp.

No. 7258. Zivin, Sarikamis, Kars. Aug. 8.

172469. *STIPA* sp.

No. 7297. Camcavus, Kars. Aug. 10.

172470. *STIPA* sp.

No. 7340. Kumbeth, Arpacay, Kars. Aug. 11.

172471. *TAGETES* sp. Asteraceae.

Marigold.

No. 6608. Director of Forest School, Karabuk, Safranbolu, Zonguldak. July 22.

172472. *THUJA ORIENTALIS* L. Pinaceae.

Oriental arborvitae.

No. 6595. Director of Forest School, Karabuk, Zonguldak.

**172354 to 172491—Continued**172473. *TRIFOLIUM* sp. Fabaceae.**Clover.**

No. 6508. Autan, Kizilcahamam, Ankara. July 19.

172474. *TRIFOLIUM* sp.

No. 7095. Zigana, Torul, Gumusane. Aug. 4.

172475. *TRIFOLIUM* sp.

No. 7138. Ekrek, Bayburt, Gumusane. Aug. 5.

172476. *TRIFOLIUM PRATENSE* L.**Red clover.**

No. 7174. Moden, Bayburt, Gumusane. Aug. 6.

172477. *TRIFOLIUM* sp.

No. 7227. Nebihani, Erzurum. Aug. 7.

172478. *TRIFOLIUM* sp.

No. 7252. Usari Mecingert, Sarikamis, Kars. Aug. 8.

172479. *TRIFOLIUM* sp.

No. 7342. Kumbeth, Arpacay, Kars. Aug. 11.

172480. *TRIFOLIUM* sp.

No. 7345. Cildirgolu, Cildir, Kars. Aug. 11.

172481. *TRIFOLIUM* sp.

No. 7350. Cildirgolu, Cildir, Kars.

172482. *TRIFOLIUM* sp.

No. 7359. Bagdat, Ardahan, Kars. Aug. 12.

172483 and 172484. *TRIFOLIUM PRATENSE* L.**Red clover.**

172483. No. 7364. Yaldizcam, Ardahan, Kars. Aug. 12.

172484. No. 7370. Karanlikmese, Tutunli, Coruh. Aug. 12.

172485 to 172488. *VICIA SATIVA* L. Fabaceae.**Common vetch.**

172485. No. 6620. Sarpin, Arac, Kastamonu. July 22.

172486. No. 7082. Hamsi, Macka, Trabzon. Aug. 4.

172487. No. 7097. Five km. east of Gumusane, Gumusane. Aug. 4.

172488. No. 7151. Surnu, Bayburt, Gumusane. Aug. 5.

172489. *VICIA* sp.

No. 7349. Cildir, Kars. Aug. 11.

172490. *VIOLA* sp. Violaceae.

No. 6600. Director of Forest School, Karabuk, Safranbolu, Zonguldak.

172491. *ZINNIA ELEGANS* Jacq. Asteraceae.**Zinnia.**

No. 6605. Director of Forest School, Karabuk, Safranbolu, Zonguldak.

**172492. CITRULLIS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

From China. Seeds presented by Alexander L. Peaslee, Vice Consul, Shanghai.  
Received Jan. 13, 1949.

Wallace. Collected by C. C. Chang in Kansu Province.

**172493 to 172496.**

From Germany. Scions presented by Dr. K. J. Maurer, Institution of Horticulture, Geisenheim, Rhein. Received Jan. 19, 1949.

172493. *MALUS*. Malaceae.

B-VIII 34.20.

**172493 to 172496—Continued**

172494. MALUS.

*F. 1 Fredrowka.*

172495. MALUS.

*Nordhauser.*

172496. MALUS PRUNIFOLIA (Willd.) Borkh.

*Shora Type I.***172497 and 172498**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Mar. 8, 1955.

172497. ANNONA MURICATA L. Annonaceae.

**Soursop.**

(P. I. G. 10585) Originally from Mayaguez, Puerto Rico, July 13, 1940.

172498. CALLISTEMON CITRINUS (Curtis) Skeels. Myrtaceae.

**Lemon bottlebrush.**

Originally from the Woodlawn Park Cemetery, Miami, Fla., Dec. 4, 1931.

**172499 to 172603.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 12, 1949.

Collected in 1948.

172499. AVENA SATIVA L. Poaceae.

**Common oats.**

No. 8475. Market, Maras, Maras. Sept. 11. Originally from Camestil, Maras.

172500 and 172501. GOSSYPIMUM. Malvaceae.

**Cotton.**

Cotton station in Malatya, Malatya. Sept. 13.

172500. No. 8585. *Adana No. 193.*

172501. No. 8586.

172502. HORDEUM DISTICHON L. Poaceae.

**Barley.**

No. 7553. Toprak Office warehouse, Igdir, Kars. Aug. 19.

172503. HORDEUM VULGARE L.

No. 7554. Toprak Office warehouse, Igdir, Kars. Aug. 19.

172504 to 172509. HORDEUM DISTICHON L.

172504. No. 7625. Bayazit, Agri.

172505. No. 7724. Ercis, Van. Aug. 21. Originally from Colkestis, Van.

172506. No. 7753. Iskele, Van. Aug. 22.

172507. No. 7774. Market, Van, Van.

172508. No. 8190. Kiziltepe, Mardin. Sept. 7. Black type.

172509. No. 8192. Kiziltepe, Mardin. Sept. 7. White type.

172510. HORDEUM VULGARE L.

No. 8199. Ceylanpinar, Urfa. White type.

172511 to 172517. HORDEUM DISTICHON L.

172511. No. 8217. Market, Urfa, Urfa. Sept. 7.

172512. No. 8223. Collected in Urfa, Urfa. Originally from Mercihan, Urfa.

172513. No. 8265. Seyhcoban, Urfa.

172514. No. 8269. Seyhcoban, Urfa.



## 172499 to 172603—Continued

## 172511 to 172517—Continued

172515. No. 8278. Germus, Urfa. Sept. 8. White type.  
 172516. No. 8330. Market, Suruc, Urfa. Blue type.  
 172517. No. 8384. *Iki Kiran*. Barak, Nizip, Gaziantep. Sept. 9.

## 172518 to 172520. HORDEUM VULGARE L.

172518. No. 8479. Pazarcik, Maras. Six-rowed type.  
 172519. No. 8509. Calan, Maras.  
 172520. No. 8517. Pazarcik, Maras.

## 172521 to 172525. HORDEUM DISTICHON L.

172521. No. 8537. Grain dealer, Elbistan, Maras. Sept. 12.  
 172522. No. 8568. Darende, Malatya.  
 172523. No. 8579. Sultansuyu Harasi, Hara, Malatya.  
 172524. No. 8735. Elazig, Elazig. Curved growth.  
 172525. No. 8767. Seed dealer in Elazig, Elazig. Aug. 15. White curved type.

## 172526 and 172527. ORYZA SATIVA L. Poaceae.

Rice.

172526. No. 8483. *Akceltik*. Grain market, Maras, Maras. Sept. 11.  
 172527. No. 8582. Sultansuyu Harasi, Hara, Malatya. Sept. 13.

## 172528 to 172589. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

172528. No. 7556. Toprak Office warehouse, Igdir, Kars. Aug. 19.  
 172529. No. 7558. Toprak Office warehouse, Igdir, Kars. Aug. 19.  
 172530. No. 7559. Toprak Office warehouse, Igdir, Kars. Aug. 19.  
 172531. No. 7626. Bayazit, Agri. Aug. 20.  
 172532. No. 7627. *Kirik*. Bayazit, Agri. Aug. 20.

## 172533 to 172541. From Van Province.

172533. No. 7698. Resat, Ercis. Aug. 21.  
 172534. No. 7740. *Kirik*. Muradiye. Aug. 22.  
 172535. No. 7745. Muradiye. Dark-colored awns.  
 172536. No. 7746. Muradiye. White type.  
 172537. No. 7752. Iskele. White type.  
 172538. No. 7770. Seed dealer, Van. Aug. 23.  
 172539. No. 7771. Seed dealer, Van. Aug. 23.  
 172540. No. 7772. Seed dealer, Van. Aug. 23.

172541. No. 7776. Van. Originally from village of Timar, Van. Dark-colored awns.

172542. No. 8113. Seed dealer, Mardin, Mardin.

172543. No. 8171. *Sorgol*. Dara, Mardin. Sept. 6.

172544. No. 8191. *Sorgol*. Kiziltepe, Mardin.

172545. No. 8193. Kiziltepe, Mardin.

## 172546 to 172554. From Urfa Province.

## 172546 to 172549. Government Farm, Ceylan Punari, Viransehir.

172546. No. 8199. *Eskisehir No. 702*. 172548. No. 8204. *Floransa*.

172547. No. 8203. *Akova*. 172549. No. 8205. *Sertak*.

172550. No. 8261. Cudeyde. Sept. 8. Dark-colored awns.

172551. No. 8262. Melikviran. Red and white types.

## 172499 to 172603—Continued

## 172528 to 172589—Continued

## 172546 to 172554—Continued

172552. No. 8267. *Seyhcoban*. Red type.  
172553. No. 8274. *Iskenderon*. Germus.  
172554. No. 8355. Grain market, Birecik. Sept. 9. Dark-colored awns.  
172555. No. 8494. *Yoksul*. Grain market, Maras, Maras. Sept. 11. Originally from village of Kuyumular, Maras.  
172556. No. 8500. *Tortcu*. Market, Maras, Maras. Originally from village of Akcakoyun, Botu.  
172557. No. 8505. *Alibayir*. Cuceli, Maras.  
172558. No. 8508. *Kilcikiz*. Keferdiz, Gaziantep.  
172559. No. 8550. *Gozlik*. Grain dealer, Elbistan, Maras.  
172560. No. 8558. *Akyazlik*. Darende, Malatya. Sept. 12.  
172561. No. 8580. *Sertak*. Sultansuyu Harasi, Hara, Malatya. Sept. 13.  
172562. No. 8583. *Akbasak*. Sultansuyu Harasi, Hara, Malatya. Sept. 13.  
172563 to 172589. Originally collected and presented by the Director of Agriculture, Elazig, Elazig. Sept. 15.

From Elazig Province.

172563. No. 8690. *Asure*. Sun.  
172564. No. 8701. *Asure*. Aksaray Makallesi.  
172565. No. 8702. *Menceki*. Asvan.  
172566. No. 8704. *Cankiri*. Sun.  
172567. No. 8709. *Cankiri*. Aksaray Mahallesi.  
172568. No. 8714. *Asure*. Holpenk.  
172569. No. 8715. *Cankiri*. Percene.  
172570. No. 8716. *Cankiri*. Sanik.  
172571. No. 8717. *Asure*. Alaca.  
172572. No. 8718. *Asure*. Nurali.  
172573. No. 8719. *Cankiri*. Pelte.  
172574. No. 8720. *Asure*. Tadim.  
172575. No. 8721. *Cankiri*. Yaliniz.  
172576. No. 8722. *Cankiri-Asure*. Migi.  
172577. No. 8723. *Asure*. Sursuru.  
172578. No. 8724. *Asure*. Pirincci.  
172579. No. 8725. *Kose*. Nekecek.  
172580. No. 8726. *Cankiri*. Yenice.  
172581. No. 8727. *Asure*. Cip.  
172582. No. 8728. Cam, Karakocan.  
172583. No. 8729. *Yazlik*. Murudu.  
172584. No. 8730. *Asure*. Dadis.  
172585. No. 8731. *Asure*. Zeyhhaci.  
172586. No. 8732. *Asure*. Muruduru.  
172587. No. 8733. *Cankiri*. Muruduru.  
172588. No. 8734. *Menceki*. Zeyhhaci.  
172589. No. 8738. *Asure*. Kavak, Palu.

## 172499 to 172603—Continued

172590 to 172603. *ZEA MAYS* L. Poaceae.

Corn.

172590. No. 7054. *Kisa Tohum*. Director of Agriculture, Trazbon, Trabzon. Aug. 2.

172591. No. 7326. Seedsman in Kars, Kars. Aug. 10.

172592. No. 7384. Hopa, Coruh.

172593 to 172597. Director of Agriculture, Artvin, Coruh. Aug. 15.

From Coruh Province.

172593. No. 7407. *Tezgelen*. Seyitler. Yellow type.

172594. No. 7411. Local yellow type from Seyitler.

172595. No. 7412. *Tezgelen*. Seyitler. White type.172596. No. 7413. *Roumanian*. Seyitler.172597. No. 7431. *Geegelen*. Artvin. White type.

172598. No. 7561. Toprak Office warehouse, Igdir, Kars. Aug. 19.

172599. No. 7736. Muradiye, Van. Aug. 22.

172600. No. 7567. Toprak Office warehouse, Igdir, Kars.

172601. No. 8176. Mardin, Mardin. Sept. 6.

172602. No. 8294. Germus, Urfa. Sept. 8. White type.

172603. No. 8569. Darende, Malatya. Sept. 12.

172604 to 172671. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Germany. Scions presented by Dr. K. J. Maurer, Institution of Horticulture, Geisenheim, Rhein. Received Jan. 12, 1949.

172604. BV 26.1.	172627. BV III 33.30.
172605. BV 49.11.	172628. BV III 33.31.
172606. BV 50.23.	172629. BV III 34.1.
172607. BV 58.38.	172630. BV III 34.2.
172608. BV 82.10.	172631. BV III 34.4.
172609. BV 8421.	172632. BV III 34.5.
172610. BV III 33.1.	172633. BV III 34.6.
172611. BV III 33.4.	172634. BV III 34.8.
172612. BV III 33.8.	172635. BV III 34.9.
172613. BV III 33.10.	172636. BV III 34.10.
172614. BV III 33.12.	172637. BV III 34.11.
172615. BV III 33.13.	172638. BV III 34.12.
172616. BV III 33.14.	172639. BV III 34.14.
172617. BV III 33.15.	172640. BV III 34.15.
172618. BV III 33.16.	172641. BV III 34.16.
172619. BV III 33.19.	172642. BV III 34.17.
172620. BV III 33.20.	172643. BV III 34.18.
172621. BV III 33.21.	172644. BV III 34.19.
172622. BV III 33.23.	172645. BV III 34.22.
172623. BV III 33.25.	172646. BV III 34.23.
172624. BV III 33.26.	172647. BV III 34.26.
172625. BV III 33.28.	172648. BV III 34.27.
172626. BV III 33.29.	172649. BV III 34.29.

**172604 to 172671—Continued**

172650. BV III 34.30.	172661. W V 44/198.
172651. BV III 35.1.	172662. W V 44/199.
172652. BV III 35.2.	172663. W V 44/200.
172653. BV III 44.33.	172664. W V 44/203.
172654. W V 44/179.	172665. W V 44/204.
172655. W V 44/180.	172666. W V 44/205.
172656. W V 44/181.	172667. W V 44/206.
172657. W V 44/182.	172668. W V 44/209.
172658. W V 44/189.	172669. W V 44/210.
172659. W V 44/190.	172670. W V 44/210.
172660. W V 44/196.	172671. W V 44/214.

**172672 to 173165.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 17, 1949.

Collected in 1948.

**172672 to 172680.** *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**

- 172672. No. 7419. Artvin, Coruh. Aug. 15.
- 172673. No. 7524. Seed dealer, Igdir, Kars.
- 172674. No. 7547. Seed dealer, Igdir, Kars.
- 172675. No. 7660. Seed dealer, Kayseri, Kayseri. Aug. 20.
- 172676. No. 8256. Market, Urfa, Urfa. Sept. 8.
- 172677. No. 8491. Market, Maras, Maras. Sept. 11.
- 172678. No. 8545. Seed store, Elbistan, Maras.
- 172679. No. 8581. Sultansuyu Harasi, Hara, Malatya.
- 172680. No. 8649. Seed dealer, Malatya, Malatya. Local type.

**172681.** *AEGILOPS CYLINDRICA* Host. Poaceae.

- No. 7492. Baskoy, Kars. Aug. 18.

**172682.** *AEGILOPS TRIUNCIALIS* L.

- No. 7612. Lower slopes of Mount Ararat, Igdir, Kars.

**172683.** *AEGILOPS CYLINDRICA* Host.

- No. 7615. Village of Harkof, Igdir, Kars.

**172684.** *AEGILOPS TRIUNCIALIS* L.

- No. 7751. Lake Van, 15 miles north of Van, Van. Aug. 22.

**172685.** *AEGILOPS LIGUSTICA* (Sav.) Coss.

- No. 8089. Diyarbakir, Diyarbakir.

**172686 and 172687.** *AGROPYRON REPENS* (L.) Beauv. Poaceae. **Quackgrass.**

- 172686. No. 7469. Ardahan, Coruh. Aug. 16.
- 172687. No. 7473. Salot, Gole, Kars.

**172688 and 172689.** *AGROPYRON INTERMEDIUM* (Host) Beauv.

- 172688. No. 7481. Gigor, Kagizman, Kars.
- 172689. No. 7484. Nahcivan, Kagizman, Kars.

**172690.** *AGROPYRON REPENS* (L.) Beauv.

**Quackgrass.**

- No. 7485. Nahcivan, Kagizman, Kars.

## 172672 to 173165—Continued

172691. *AGROPYRON CRISTATUM* (L.) Gaertn. **Crested wheatgrass.**  
No. 7493. Baskoy, Tuzilca, Kars. Aug. 18.
172692. *BRACHYPODIUM PINNATUM* (L.) Beauv. Poaceae.  
No. 7550. Hopa, Coruh. Aug. 13.
172693. *AGROPYRON ORIENTALE* (L.) R. & S. Poaceae.  
No. 7609. Lower slopes of Mount Ararat, Igdir, Kars.
172694. *AGROPYRON CRISTATUM* (L.) Gaertn. **Crested wheatgrass.**  
No. 7610. Lower slopes of Mount Ararat, Igdir, Kars.
- 172695 to 172697. *AGROPYRON REPENS* (L.) Beauv. **Quackgrass.**  
172695. No. 7617. Harkof, Igdir, Kars. Aug. 19.  
172696. No. 7621. Kari, Bayazit, Agri.  
172697. No. 7640. Bulakbasi, Bayazit, Agri.
172698. *AGROSTIS TENUIS* Sibth. Poaceae.  
No. 7445. Karanlikmese, Tutunli, Coruh. Aug. 15.
172699. *ALEURITES FORDII* Hemsl. Euphorbiaceae. **Tung-oil tree.**  
No. 7432. *Drajina*. Artvin, Coruh.
- 172700 to 172704. *ALLIUM CEPA* L. Liliaceae. **Onion.**  
172700. No. 7509. Seed dealer, Igdir, Kars.  
172701. No. 8146. Seed dealer, Mardin, Mardin. Sept. 6. Long white type.  
172702. No. 8302. *Sogan*. Germus, Urfa.  
172703. No. 8506. Market, Maras, Maras. Sept. 11.  
172704. No. 8543. Market, Elbistan, Maras, Maras.
- 172705 to 172712. *ALLIUM PORRUM* L. **Leek.**  
172705. No. 7511. Seed dealer, Igdir, Kars. Aug. 18.  
172706. No. 7525. *Sebzi*. Seed dealer, Igdir, Kars. Aug. 18.  
172707. No. 7532. Seed dealer, Igdir, Kars. Aug. 18.  
172708. No. 7806. Seed dealer in Van, Van. Aug. 23. Originally from Adana, Seyhan.  
172709. No. 8140. Seedsman, Mardin, Mardin.  
172710. No. 8208. Ceylan Punari, Viransehir, Urfa. Sept. 7.  
172711. No. 8516. Market, Maras, Maras. Sept. 11.  
172712. No. 8575. Sultansuyu Harasi, Hara, Malatya.
172713. *ALTHAEA ROSEA* (L.) Cav. Malvaceae. **Hollyhock.**  
No. 7443. Artvin, Coruh.
- 172714 to 172716. *PRUNUS AMYGDALUS* Batsch. Rosaceae. **Almond.**  
172714. No. 8522. Market, Maras, Maras. Sept. 11.  
172715. No. 8679. Malatya Fruit Station, Malatya, Malatya. Sept. 14. Bitter type.  
172716. No. 8682. *Topak Saridis*. Malatya Fruit Station, Malatya, Malatya. Sept. 14.
172717. *PRUNUS PERSICA* (L.) Batsch. **Peach.**  
No. 8231. *Tuylu*. Market, Urfa, Urfa. Sept. 8.
- 172718 to 172721. *ANDROPOGON ISCHAEMUM* L. Poaceae.  
172718. No. 7491. Kagizman, Kars. Aug. 18.  
172719. No. 7496. Tuzilca, Kars.



**172672 to 173165—Continued****172718 to 172721—Continued**

172720. No. 8472. Sivrice Hoyuk, Pazarcik, Maras. Sept. 10.

172721. No. 7735. Five km. east of Ercis, Van. Aug. 22. Near shore of Lake Van.

172722 to 172724. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**

172722. No. 7503. Seed dealer, Igdir, Kars. Aug. 18.

172723. No. 7548. Seed dealer, Igdir, Kars. Aug. 18.

172724. No. 7656. Kayseri, Kayseri. Collected in Karakose, Agri.

172725. *APIUM GRAVEOLENS* L. Apiaceae. **Celery.**

No. 7516. Seed dealer, Igdir, Kars.

172726. *ASPHODELINE* sp. Liliaceae.

No. 8524. Twenty-five km. northwest of Maras, Maras. Sept. 11.

172727. *ASTRAGALUS* sp. Fabaceae.

No. 7490. Kagizman, Kars. Aug. 17.

172728. *ASTRAGALUS* sp.

No. 7454. Ardahan, Kars. Aug. 15.

172729 to 172741. *BETA VULGARIS* L. Chenopodiaceae. **Beet.**

172729. No. 7400. Artvin, Coruh. Aug. 15.

172730. No. 7425. Artvin, Coruh. Aug. 15.

172731. No. 7546. *Kocabas*. Seed dealer, Igdir, Kars. Aug. 18.

172732. No. 7568. *Kocabas*. Toprak Office warehouse, Igdir, Kars.

172733. No. 7647. Seed dealer, Karakose, Agri. Aug. 20. Originally from Kayseri, Kayseri.

172734. No. 7719. *Kocabas*. Seed dealer, Ercis, Van.

172735. No. 8201. Ceylan Punari, Viransehir, Urfa.

172736. No. 8224. Seedsman, Urfa, Urfa. Sept. 8. Leafy type.

172737. No. 8324. Seed dealer, Suruc, Urfa.

172738. No. 8382. Seed dealer, Nizip, Gaziantep. Sept. 9. Sugar beet.

172739. No. 8420. *Kocabas*. Seed dealer, Gaziantep, Gaziantep.

172740. No. 8480. *Kocabas*. Market, Maras. Sept. 11.

172741. No. 8490. Market, Maras. Sept. 11.

172742. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**

No. 8118. Purchased from seed dealer in Mardin. Sept. 6.

172743 to 172753. *BRASSICA OLERACEA* var. *CAPITATA* L. **Cabbage.**

172743. No. 7427. Artvin, Coruh. Aug. 15. Dark-colored type.

172744. No. 7433. Artvin, Coruh. Aug. 15. White type.

172745. No. 7506. Seed dealer, Igdir, Kars.

172746. No. 7533. Seed dealer, Igdir, Kars.

172747. No. 7646. Karakose, Agri. Aug. 20.

172748. No. 7648. Karakose, Agri. Aug. 20. Said to reach 60 pounds per head.

172749. No. 7654. *Salgam*. Karakose, Agri. Originally from Kayseri, Kayseri.

172750. No. 7777. Seed dealer, Van, Van. Aug. 23.

172751. No. 8209. Ceylan Punari, Viransehir, Urfa. Sept. 7.

## 172672 to 173165—Continued

## 172743 to 172753—Continued

172752. No. 8526. Elbistan, Maras. Sept. 12.

172753. No. 8576. Sultansuyu Harasi, Hara, Malatya.

## 172754 to 172757. BRASSICA RAPA L.

Turnip.

172754. No. 7645. *Salgam*. Karakose, Agri. Aug. 20.172755. No. 7786. *Salgam*. Seed dealer, Van, Van. Aug. 23.172756. No. 8138. *Salgam*. Seed dealer, Mardin, Mardin. Sept. 6.

172757. No. 8514. Maras, Maras. Sept. 11.

## 172758. BRASSICA sp.

No. 7545. *Hardaliye*. Seed dealer, Iğdir, Kars. Aug. 18.

## 172759 to 172761. BROMUS INERMIS LEYSS. Poaceae. Smooth bromegrass.

172759. No. 7470. Twenty km. southwest of Ardahan, Kars. Aug. 7.

172760. No. 7479. Tigor, Kagizman, Kars.

172761. No. 7642. Bulakbasi, Bayazit, Agri. Aug. 20.

## 172762 to 172764. CANNABIS SATIVA L. Moraceae.

Hemp.

172762. No. 7399. Artvin, Coruh. Aug. 15.

172763. No. 7563. Seed dealer, Iğdir, Kars. Aug. 19.

172764. No. 8327. Market, Suruc, Urfa. Sept. 9.

## 172765 to 172776. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

172765. No. 7504. *Aci*. Seed dealer, Iğdir, Kars. Aug. 18.

172766. No. 7538. Seed dealer, Iğdir, Kars. Aug. 18.

172767. No. 7712. Seed dealer, Ercis, Van. Aug. 21.

172768. No. 7738. *Dolmalik*. Muradiye, Van. Originally from Bitlis Province.172769. No. 7794. *Dolmalik*. Seed dealer, Van, Van. Aug. 23.

172770. No. 8298. Germus, Urfa. Sept. 8.

172771. No. 8484. *Dolmalik*. Market, Maras, Maras. Sept. 11.172772. No. 8492. *Aci*. Market, Maras, Maras. Sept. 11.

172773. No. 8501. Market, Maras, Maras. Sept. 11. Long type.

172774. No. 8525. Elbistan, Maras. Sept. 12. Fruit long and tapering.

172775. No. 8574. Sultansuyu Harasi, Hara, Malatya. Large sweet type.

172776. No. 8650. *Aci*. Seed dealer, Malatya, Malatya.

## 172777. CEPHALARIA SYRIACA (L.) Schrad. Dipsacaceae.

No. 8153. *Pelemir*. Dara, Mardin. Sept. 6. Used as an oil paint.

## 172778 to 172785. CICER ARIETINUM L. Fabaceae.

Chickpea.

172778. No. 7535. Seed dealer, Iğdir, Kars. Aug. 18.

172779. No. 8112. Seedsman, Mardin, Mardin. Sept. 6.

172780. No. 8277. Germus, Urfa. White.

172781. No. 8497. Market, Maras, Maras. Sept. 11. Originally from Kurtul, Maras.

172782. No. 8548. Seed dealer in Elbistan, Maras.

172783. No. 8708. Director of Agriculture, Elazig. Sept. 15. White. Originally from Aksaray Makallesi.

172784. No. 8736. Muruduru, Elazig. White.

172785. No. 8758. Seed dealer, Elazig. White.

## 172672 to 173165—Continued

- 172786 to 172805. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**
172786. No. 7388. Arhavi, Hopa, Coruh. Aug. 13. Originally from Trabzon Province.
172787. No. 7403. Trabzon, Trabzon.
172788. No. 7436. Trabzon, Trabzon. Yellow.
172789. No. 7514. *Dize*. Seed dealer, Igdir, Kars. Aug. 18.
172790. No. 7542. Seed dealer, Igdir, Kars. Aug. 18.
172791. No. 7580. Seed dealer, Igdir, Kars. Aug. 18. Yellow.
172792. No. 7592. Melekli, Igdir, Kars. Aug. 19.
172793. No. 7726. *Cit*. Seedsman, Ercis, Van. Aug. 21.
172794. No. 7791. Seed dealer, Van, Van.
172795. No. 8040. Seedsman, market, Diyarbakir, Diyarbakir.
172796. No. 8109. Seed dealer, Mardin, Mardin. Sept. 6.
172797. No. 8120. Seed dealer, Mardin, Mardin. Sept. 6.
172798. No. 8170. Dara, Mardin. Flesh yellow.
172799. No. 8218. *Abucebul*. Market, Urfa, Urfa. Sept. 8. Originally from Mecca, Arabia.
172800. No. 8251. Urfa, Urfa.
172801. No. 8344. *Kural*. Market, Birecik, Urfa.
172802. No. 8361. Birecik, Urfa.
172803. No. 8499. Market, Maras, Maras. Sept. 11. White.
172804. No. 8538. Elbistan, Maras.
172805. No. 8561. Darende, Malatya. Sept. 12.
172806. *CREPIS* sp. Asteraceae.
- No. 7005. Village of Of, Trabzon. Aug. 2.
- 172807 to 172811. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**
172807. No. 7520. Seed dealer, Igdir, Kars.
172808. No. 7416. *Maydonoz Gili; Kinzi*. Seedsman, Artvin, Coruh. Aug. 15.
172809. No. 7529. Seed dealer, Igdir, Kars. Aug. 18.
172810. No. 8116. Seed dealer, Mardin, Mardin. Sept. 6.
172811. No. 8182. Mardin, Mardin.
- 172812 to 172837. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**
172812. No. 7426. Artvin, Coruh. Aug. 15.
- 172813 to 172820. From seed dealer, Igdir, Kars.
172813. No. 7508.
172814. No. 7512. *Tutma*. The melon of Igdir which is buried when very small and kept covered with earth until mature.
172815. No. 7536.
172816. No. 7562. *Tutma*. Aug. 19.
172817. No. 7572. *Sineyvaz*.
172818. No. 7598. *Samama*. Aug. 19. Fruit ornamental, about the size of a baseball.
172819. No. 7588.
172820. No. 7594. *Tutma*.

**172672 to 173165—Continued****172812 to 172837—Continued**

172821. No. 7784. *Samama*. Seed dealer, Van, Van. Aug. 23. Fruit ornamental.
172822. No. 8061. Market, Diyarbakir, Diyarbakir. Sept. 4.
172823. No. 8126. Seed dealer in Mardin, Mardin.
172824. No. 8166. *Seshane*. Dara, Mardin, Mardin. Sept. 6.
172825. No. 8672. *Buyuk*. Market, Malatya, Malatya. Sept. 13.
- 172826 to 172829. Seed dealer, Urfa, Urfa. Sept. 8.
172826. No. 8228. 172828. No. 8252.
172827. No. 8245. 172829. No. 8253.
172830. No. 8340. Market, Birecik, Urfa. Sept. 9. Tart flavor, good quality.
172831. No. 8477. *Hiti*. Market, Maras, Maras. Sept. 11.
172832. No. 8527. *Malataya*. Elbistan, Maras.
172833. No. 8536. Elbistan, Maras.
172834. No. 8551. Elbistan, Maras. Local type.
172835. No. 8660. *Dilimli*. Seedsman, Malatya, Malatya. Sept. 14.
172836. No. 8664. Seedsman, Malatya, Malatya. Sept. 14. Black type.
172837. No. 8667. *Ufak Tatli*. Seedsman, Malatya, Malatya. Sept. 14.

**172838 to 172849. CUCUMIS SATIVUS L.****Cucumber.**

172838. No. 8202. *Hiti*. Ceylan Punari, Viransehir, Urfa. Sept. 7. Reported to be very drought-resistant.
172839. No. 7439. Director of Agriculture, Artvin, Coruh. Aug. 15.
172840. No. 7515. Seed dealer, Igridir, Kars.
172841. No. 7732. Seed dealer, Ercis, Van. Aug. 21.
172842. No. 7807. Seedsman, Van, Van. Aug. 23. Originally from Bitlis Province.
172843. No. 8181. Mardin, Mardin. Sept. 6.
172844. No. 8226. Seed dealer, Urfa, Urfa. Sept. 8.
172845. No. 8255. Seed dealer, Urfa, Urfa. Sept. 8. Originally from Kilis, Gaziantep.
172846. No. 8305. Germus, Urfa. Sept. 8.
172847. No. 8417. Market, Gaziantep, Gaziantep. Sept. 10.
172848. No. 8488. Market, Maras, Maras.
172849. No. 8540. Gardener, Elbistan, Maras. Sept. 12.

**172850. CUCUMIS MELO L.****Muskmelon.**

- N. 8547. Gardener, Elbistan, Maras. Sept. 12.

**172851 and 172852. CUCUMIS SATIVUS L.****Cucumber.**

172851. No. 8572. Malatya. Sept. 13.
172852. No. 8798. Seed dealer, Elazig, Elazig. Sept. 15.

**172853 and 172854. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.**

172853. No. 7386. Arhavi, Hopa, Coruh. Aug. 13. White.
172854. No. 7404. Director of Agriculture, Artvin, Coruh. White.

**172855. CUCURBITA MOSCHATA Duchesne.****Cushaw.**

- No. 8165. Dara, Mardin. Sept. 6. Winter type.

**172672 to 173165—Continued****172856 to 172863. CUCURBITA PEPO L.****Pumpkin.**

172856. No. 7391. Agricultural agent, Hopa, Coruh. Aug. 14. Originally from village of Kise, Coruh.

172857. No. 7420. *Dolma*. Director of Agriculture, Artvin, Coruh.

172858. No. 7434. Director of Agriculture, Artvin, Coruh. Fruit dark-colored.

172859 to 172863. Seed dealer, Igdir, Kars. Aug. 18.

172859. No. 7510.

172862. No. 7591.

172860. No. 7519. Sweet type.

172863. No. 7593. *Kedo*.172861. No. 7530. *Dolmalik*.**172864. CUCURBITA sp.**

No. 7595. Seed dealer, Igdir, Kars. Aug. 18.

**172865 to 172868. CUCURBITA PEPO L.****Pumpkin.**172865. No. 7597. *Sus*. Seed dealer, Igdir, Kars. Aug. 18. Fruit ornamental, round, about 2 inches in diameter.

172866. No. 7792. Seed dealer, Van, Van. Aug. 23. Sweet type.

172867. No. 8127. *Dolmalik*. Seed dealer, Mardin, Mardin. Sept. 6.

172868. No. 8129. Seed dealer, Mardin, Mardin. Sept. 6. Fruit dark-colored.

**172869. CUCURBITA MAXIMA Duchesne.****Squash.**

No. 8145. Seed dealer, Mardin, Mardin. Sept. 6.

**172870 to 172875. CUCURBITA PEPO L.****Pumpkin.**

172870. No. 8232. Seed dealer, Urfa, Urfa. Sept. 8.

172871. No. 8233. *Dolmalik*. Seed dealer, Urfa, Urfa. Sept. 8.172872. No. 8285. *Dolma*. Germus, Urfa.172873. No. 8487. *Dolma*. Seedsman, Maras, Maras. Sept. 11.172874. No. 8542. *Dolmalik*. Gardener, Elbistan Maras.172875. No. 8772. *Mentise*. Seed dealer, Elazig, Elazig. Sept. 15.**172876 and 172877. CUMINUM CYMINUM L. Apiaceae.****Cumin.**172876. No. 8513. *Kimyon*. Seed dealer, Maras, Maras.

172877. No. 8675. Malatya, Malatya. Sept. 13.

**172878 to 172884. DACTYLIS GLOMERATA L. Poaceae.****Orchard grass.**172878. No. 7446. *Karanlikmese*, Tutunli, Coruh. Aug. 15.

172879. No. 7472. Turkesen, Ardahan, Kars. Aug. 16.

172880. No. 7474. Salot, Gole, Kars.

172881. No. 7482. Tigor, Kagizman, Kars.

172882. No. 7614. Harkof, Kars. Aug. 19.

172883. No. 7636. Fourteen miles west of Diyadin, Agri. Aug. 20.

172884. No. 7638. Bulakbasi, Bayazit, Agri.

**172885. DATURA STRAMONIUM L. Solanaceae.****Jimsonweed.**

No. 7398. Murgul, Burcka, Coruh. Aug. 14.

**172886 to 172894. DAUCUS CAROTA L. Apiaceae.****Carrot.**

172886. No. 7518. Seed dealer, Igdir, Kars. Aug. 18. Local type.

172887. No. 7800. Seed dealer, Van, Van.

172888. No. 7733. Seedsman, Ercis, Van. Large type.

## 172672 to 173165—Continued

## 172886 to 172894—Continued

172889. No. 8125. Seed dealer, Mardin, Mardin. Sept. 6.

172890. No. 8210. Ceylan Punari, Viransehir, Urfa.

172891. No. 8229. Market, Urfa, Urfa. Sept. 8.

172892. No. 8295. Germus, Urfa.

172893. No. 8496. Market, Maras, Maras. Sept. 11.

172894. No. 8544. Elbistan, Maras.

172895. *ELAEAGNUS* sp. Elaeagnaceae.

No. 7579. *Igde*. Seed dealer, Igdır, Kars. Aug. 19.

172896. *FESTUCA* sp. Poaceae.

No. 7462. Hopa, Coruh. Aug. 13. Growing near the sea.

172897. *VICIA SATIVA* L. Fabaceae.

Common vetch.

No. 8752. Safalar, Elazig. Sept. 15.

172898 to 172900. *FOENICULUM VULGARE* Mill. Apiaceae.

Fennel.

172898. No. 8133. *Bizor*. Seed dealer, Mardin, Mardin. Sept. 6.

172899. No. 8609. Seed dealer, Malatya, Malatya. Sept. 14.

172900. No. 8806. Seedman, Elazig, Elazig. Sept. 15.

172901 and 172902. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

172901. No. 7389. Agricultural agent, Hopa, Coruh. Aug. 14. Originally from Kise, Coruh.

172902. No. 7461. Arhavi, Hopa, Coruh. Aug. 13.

172903 to 172908. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

172903. No. 7573. Seed dealer, Igdır, Kars.

172904. No. 7728. Seed dealer, Ercis, Van. Aug. 21.

172905. No. 8075. Tree Nursery, Diyarbakir, Diyarbakir. Sept. 4.

172906. No. 8188. Mardin, Mardin. Sept. 6.

172907. No. 8555. Elbistan, Maras. Sept. 12.

172908. No. 8768. Seed dealer, Elazig, Elazig. Sept. 15.

172909. *JUNIPERUS* sp. Pinaceae.

Juniper.

No. 8523. Fifty km. northwest of Maras in pass on road to Elbistan, Maras. Sept. 11. Pure stand.

172910 to 172912. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

172910. No. 7564. Seed dealer, Igdır, Kars. Aug. 19.

172911. No. 8549. Elbistan, Maras. Sept. 12.

172912. No. 8671. *Buyuk Tohumlu*. Malatya, Malatya. Sept. 14.

172913 to 172921. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

172913. No. 7428. Director of Agriculture, Artvin, Coruh. Aug. 15.

172914. No. 7505. Seed dealer, Igdır, Kars. Aug. 18. Curly leaves.

172915. No. 7537. Seed dealer, Igdır, Kars. Aug. 18.

172916. No. 7557. *Gobekli*. Seed dealer, Karakose, Agri. Originally from Kayseri, Kayseri.

172917. No. 7659. Seed dealer, Karakose, Agri. Originally from Kayseri, Kayseri. Curly leaves.

172918. No. 7768. Seedsman, Van, Van. Aug. 23. Curly leaves.

172919. No. 7799. Seedsman, Van, Van. Aug. 23.

**172672 to 173165—Continued****172913 to 172921—Continued**

172920. No. 8258. Market, Urfa, Urfa. Sept. 8.

172921. No. 8498. Seedsman, Maras, Maras. Sept. 11.

**172922 to 172926. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae. Calabash gourd.**172922. No. 8241. *Kabak Su*. Seedsman, Urfa, Urfa. Sept. 8.

172923. No. 8212. Seedsman, Urfa, Urfa. Sept. 8. Hanging type.

172924. No. 8495. Market, Maras, Maras. Sept. 11.

172925. No. 8554. *Kabak Su*. Elbistan, Maras.

172926. No. 8602. Malatya, Malatya. Sept. 14. Fruit up to 3 feet in length.

**172927 to 172930. LATHYRUS SATIVUS L. Fabaceae. Bittervetch.**172927. No. 8168. *Loluk*. Dara, Mardin. Sept. 6.172928. No. 8271. *Culbant*. Seyhcoban, Urfa. Sept. 8. Cultivated type.172929. No. 8276. *Culbant*. Germus, Urfa.172930. No. 8316. *Culbant*. Market, Suruc, Urfa. Sept. 9.**172931. LATHYRUS CICERA L.**No. 8411. *Culbant*. Market, Gaziantep, Gaziantep.**172932. LATHYRUS sp.**No. 8775. *Culbant*. Seedsman, Elazig, Elazig. Sept. 15. Originally from village of Koruk, Elazig.**172933 to 172953. LENS CULINARIS Medic. Fabaceae. Lentil.**172933. No. 7316. *Sultani*. Seedsman, Kars, Kars. Aug. 10.

172934. No. 7500. Seed dealer, Igdir, Kars. Aug. 18.

172935. No. 7766. Seedsman, Van, Van. Aug. 23. Testa red.

172936. No. 7798. Seedsman, Van, Van. Aug. 23.

172937. No. 7808. Seedsman, Van, Van. Aug. 23. Testa white.

172938. No. 8074. Market, Diyarbakir, Diyarbakir. Sept. 4. Originally from Cinar, Diyarbakir Province.

**172939 to 172943. From Urfa Province.**

172939. No. 8220. Seedsman, Urfa. Sept. 8.

172940. No. 8268. Seyhcoban.

172941. No. 8279. Germus. Testa red.

172942. No. 8336. Birecik.

172943. No. 8348. Birecik.

**172944 and 172945. Market, Maras, Maras. Sept. 11. Originally from Uzkent, Pazarcik, Maras.**

172944. No. 8476.

172945. No. 8478.

172946. No. 8541. Elbistan, Maras. Sept. 12.

172947. No. 8559. Darende, Malatya.

172948. No. 8560. Darende, Malatya.

172949. No. 8674. *Sivas*. Seedsman, Malatya, Malatya. Sept. 14.

172950. No. 8676. Seedsman, Malatya, Malatya. Sept. 14.

172951. No. 8699. Aksaray Makellesi, Elazig. Sept. 15.

**172672 to 173165—Continued****172933 to 172953—Continued**

172952. No. 8713. Tepe, Karakocan, Elazig.

172953. No. 8762. Seed dealer, Elazig, Elazig. Local type.

**172954 to 172959. LEPIDIUM SATIVUM L. Brassicaceae. Garden cress.**172954. No. 7521. *Acı Tere*. Seed dealer, Iğdir, Kars. Aug. 18.

172955. No. 7549. Seed dealer, Iğdir, Kars. Aug. 18.

172956. No. 8102. *Acı Tere*. Seedsman, Mardin, Mardin. Sept. 6.

172957. No. 8137. Seedsman, Mardin, Mardin. Sept. 6.

172958. No. 8289. Germus, Urfa. Sept. 8.

172959. No. 8502. Market, Maras, Maras. Sept. 11.

**172960 to 172965. LINUM USITATISSIMUM L. Linaceae. Flax.**

172960. No. 7497. Tuzilca, Kars. Aug. 18. Cultivated under irrigation.

172961. No. 8122. Seed dealer, Mardin, Mardin. Sept. 6. Originally from Diyarbakir, Diyarbakir.

172962. No. 8364. Market, Birecik, Urfa. Sept. 9.

172963. No. 8511. Seedsman, Maras, Maras. Sept. 11.

172964. No. 8563. Darende, Malatya. Sept. 12. Local type grown in isolated irrigated valley in barren open mountains.

172965. No. 8776. Seedsman, Elazig, Elazig. Sept. 15. Local type from village of Gurbet Mizresi, Elazig.

**172966 to 172978. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

172966. No. 7523. Seed dealer, Iğdir, Kars. Aug. 18.

172967. No. 7544. Seed dealer, Iğdir, Kars. Aug. 18.

172968. No. 7650. Seedsman, Karakose, Agri. Originally from stock from Kayseri, Kayseri.

172969. No. 7727. Seed dealer, Ercis, Van. Aug. 21.

172970. No. 7763. Seedsman, Van, Van. Aug. 23.

172971. No. 8136. Seed dealer, Mardin, Mardin. Sept. 6.

172972 to 172975. From Urfa Province. Sept. 8.

172972. No. 8236. Market.

172974. No. 8287. Germus.

172973. No. 8272. Germus.

172975. No. 8307. Germus.

172976. No. 8504. Market, Maras, Maras. Sept. 11.

172977. No. 8564. Darende, Malatya. Sept. 12. Isolated irrigated valley in barren open mountains.

172978. No. 8573. Grown at government animal-breeding station, Sultan-suyu Harasi, Hara, 25 km. from Malatya, Malatya. Large fleshy type.

**172979. MALVA sp. Malvaceae.**No. 8169. *Ebegumeci*. Dara, Mardin. Sept. 6. Used as a vegetable.**172980. MEDICAGO FALCATA L. Fabaceae. Yellow-flowered alfalfa.**

No. 7477. Tigor, Kagizman, Kars. Aug. 17. Black soil, open country; 2,000 feet altitude.

**172981 to 172989. MEDICAGO SATIVA L. Alfalfa.**

172981. No. 7483. Naheivan, Kagizman, Kars. Growing on side of rocky canyon at 1,800 feet altitude.

172982. No. 7576. Toprak Office warehouse, Iğdir, Kars. Aug. 19. Local type.

172983. No. 7608. Lower slope of Mount Ararat, Iğdir, Kars. Very hot, dry, and rocky; 1,500 feet altitude.



**172672 to 173165—Continued****172981 to 172989—Continued**

172984. No. 7639. Bulakbasi, Bayazit, Agri. Aug. 20. Heavy soil; 1,700 feet altitude.

172985. No. 8387. Market, Nizip, Gaziantep.

172986. No. 8507. Market, Maras, Maras.

172987. No. 7455. Agricultural agent, Ardahan, Kars. Aug. 15.

172988. No. 7498. Tuzilca, Kars. Aug. 18. Growing wild in irrigated flax field; 900 feet altitude.

172989. No. 7619. Along road from Harkof to Bayazit flat, Agri. Yellow- and blue-flowered types.

172990 and 172991. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae.

**Yellow sweetclover.**

172990. No. 7624. Bayazit, Agri. Aug. 19.

172991. No. 7643. Bulakbasi, Bayazit, Agri. Broad flat, heavy soil; 1,700 feet altitude.

172992. *MIRABILIS JALAPA* L. Nyctaginaceae.

**Four-o'clock.**

No. 7578. Seedsman, Igdir, Kars. Aug. 19.

172993. *NICOTIANA TABACUM* L. Solanaceae.

**Tobacco.**

No. 8587. Tobacco Station, Malatya, Malatya. Sept. 13.

172994 and 172995. *NIGELLA SATIVA* L. Ranunculaceae.

**Black cumin.**

172994. No. 8257. Seedsman, Urfa, Urfa. Sept. 8.

172995. No. 8512. Market, Maras, Maras. Sept. 11.

172996 to 172998. *OCIMUM BASILICUM* L. Menthaceae.

**Basil.**

172996. No. 7513. *Reyhan*. Seed dealer, Igdir, Kars.

172997. No. 7539. *Reyhan*. Seed dealer, Igdir, Kars.

172998. No. 7801. *Reyhan*. Seed dealer, Van, Van. Aug. 23.

172999 and 173000. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae.

**Sainfoin.**

172999. No. 7453. Agricultural agent, Ardahan, Kars. Aug. 15. Wild.

173000. No. 7488. Kagizman, Kars. Aug. 17. Altitude 1,500 feet.

173001 and 173002. *PANICUM MILIACEUM* L. Poaceae.

**Proso.**

173001. No. 8737. *Kumdari*. Can, Karakocan, Elazig. Sept. 15.

173002. No. 8764. *Dari*. Seed dealer, Elazig, Elazig.

173003. *PAPAVER SOMNIFERUM* L. Papaveraceae.

**Opium poppy.**

No. 8565. Darende, Malatya. Sept. 12. Isolated irrigated valley in open barren mountains.

173004. *PASPALUM* sp. Poaceae.

No. 7395. Hopa, Coruh. Aug. 15. Along roadside in beech forest at 30 feet altitude.

173005 to 173015. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**

173005. No. 7437. Director of Agriculture, Artvin, Coruh. Aug. 15.

173006. No. 7505. Seed dealer, Igdir, Kars. Aug. 18.

173007. No. 7541. Seed dealer, Igdir, Kars. Aug. 18.

173008. No. 7729. Erçis, Van. Aug. 21.

173009. No. 7734. Erçis, Van. Aug. 21.

173010. No. 8128. Seedsman, Mardin, Mardin. Sept. 6.

173011. No. 8194. Ceylan Punari, Viransehir, Urfa. Sept. 7.

## 172672 to 173165—Continued

## 173005 to 173015—Continued

173012. No. 8292. *Germus*, Urfa.

173013. No. 8533. *Gardener*, Elbistan, Maras. Sept. 12.

173014. No. 8546. *Gardener*, Elbistan, Maras. Sept. 12.

173015. No. 8796. *Seed dealer*, Elazig, Elazig. Sept. 15.

173016. *PHLEUM PHLEOIDES* (L.) Karst. Poaceae.

**Timothy.**

No. 7468. Twenty km. southwest of Ardahan, Kars. Aug. 16. Mountain basin, black soil; 2,000 feet altitude.

173017 to 173050. *PHASEOLUS VULGARIS* L. Fabaceae.

**Common bean.**

173017. No. 7305. *Barbunya*. Normal School, Cilavuz, Kars. Aug. 10.

173018. No. 7317. *Barbunya*. Seed store, Kars, Kars. Originally from Posof, Kars.

173019 to 173022. Coastal town of Arhavi, Hopa, Coruh. Aug. 13.

173019. No. 7381. *Barbunya*. 173021. No. 7385. Sweet type.

173020. No. 7382. *Barbunya*. 173022. No. 7387. White.

173023. No. 7390. Agricultural agent, Hopa, Coruh. Aug. 14. White.

173024. No. 7418. *Gunluk*. Director of Agriculture, Artvin, Coruh. Aug. 15.

173025. No. 7424. *Aysekadin*. Director of Agriculture, Artvin, Coruh. Aug. 15.

173026. No. 7435. *Barbunya*. Director of Agriculture, Artvin, Coruh. Aug. 15.

173027. No. 7501. *Seed dealer*, Igdir, Kars. Aug. 18. White.

173028. No. 8770. *Behrimaz*. *Seed dealer*, Elazig, Elazig. Sept. 15.

173029. No. 7743. *Aysekadin*. *Gardener*, Yusufeli, Coruh. Aug. 22.

173030. No. 7781. *Calisis*. Market, Van, Van. Aug. 23.

173031. No. 8064. *Aysekadin*. Market, Diyarbakir, Diyarbakir. Sept. 4.

173032. No. 8104. *Aysekadin*. *Seed dealer*, Mardin, Mardin. Sept. 6.

173033. No. 8175. *Seed dealer*, Mardin, Mardin. Sept. 6.

173034 to 173041. From seedsman at market, Urfa, Urfa. Sept. 8.

173034. No. 8213. *Cali*. 173038. No. 8230. *Barbunya*.

173035. No. 8215. *Adi*. 173039. No. 8234. *Cali*.

173036. No. 8222. Originally from Elbistan, Maras. 173040. No. 8237. *Cali*.

173041. No. 8246. Green.

173037. No. 8225. *Barbunya*.

173042. No. 8293. *Aysekadin*. *Germus*, Urfa. Sept. 8.

173043. No. 8357. *Barbunya*. Seedsman, Birecik, Urfa. Sept. 9.

173044. No. 8377. *Tirtir*. Market, Nizip, Gaziantep.

173045. No. 8481. Market, Maras, Maras. Sept. 11.

173046. No. 8482. Market, Maras, Maras. Sept. 11. Yellow.

173047. No. 8489. *Cerkez*. Market, Maras, Maras. Sept. 11.

173048. No. 8539. *Bodur*. *Gardener*, Elbistan, Maras. Sept. 12.

173049. No. 8618. *Boncuk*. *Seed dealer*, Malatya, Malatya. Sept. 14.

173050. No. 8698. *Aysekadin*. Aksaray Makallesi, Elazig. Sept. 15.

173051. *PHASEOLUS AUREUS* Roxb.

**Mung bean.**

No. 8696. Aksaray Makallesi, Elazig. Sept. 15.

## 172672 to 173165—Continued

- 173052.** *PISUM SATIVUM* L. Fabaceae. **Pea.**  
No. 7653. Seedsman, Karakose, Agri. Originally from Kayseri, Kayseri.
- 173053.** *PIMPINELLA ANISUM* L. Apiaceae. **Anise.**  
No. 8077. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.
- 173054.** *PISTACIA VERA* L. Anacardiaceae. **Pistachio.**  
No. 8359. Market, Birecik, Urfa. Sept. 9.
- 173055.** *PISUM ELATIUS* Bieb. Fabaceae.  
No. 8154. *Hatun Bakleri*. Dara, Mardin, Mardin. Sept. 6.
- 173056 to 173059.** *PISUM SATIVUM* L. **Pea.**  
**173056.** No. 7421. Presented by Director of Agriculture, Artvin, Coruh.  
**173057.** No. 8103. Seedsman, Mardin, Mardin. Seeds white.  
**173058.** No. 8197. Government Farm, Ceylan Punari, Viransehir, Urfa. Sept. 7.  
**173059.** No. 8604. *Yem*. Seedsman, Malatya, Malatya. Sept. 13.
- 173060 to 173065.** *PRUNUS ARMENIACA* L. Rosaceae. **Apricot.**  
**173060.** No. 7571. Seed dealer, Igdir, Kars.  
**173061.** No. 8283. Germus, Urfa. Sept. 8. Bitter type.  
**173062.** No. 8520. Market, Maras, Maras. Sept. 11. Bitter type.  
**173063.** No. 8521. *Tatli*. Market, Maras, Maras. Sept. 11. Bitter type.  
**173064.** No. 8570. Darende, Malatya. Sept. 12. Irrigated valley in barren open mountains.  
**173065.** No. 8683. Fruit Nursery Station, Malatya, Malatya. Sept. 15.
- 173066.** *PRUNUS AVIUM* L. **Sweet cherry.**  
No. 7574. Seedsman, Igdir, Kars. Aug. 19.
- 173067 and 173068.** *PRUNUS DOMESTICA* L. **Common plum.**  
**173067.** No. 8566. Darende, Malatya. Sept. 12. Fruit blue.  
**173068.** No. 8567. Darende, Malatya. Sept. 12. Yellow.
- 173069.** *PRUNUS* sp.  
No. 7442. Director of Agriculture, Artvin, Coruh. Aug. 15. Said to be of Russian origin.
- 173070.** *PRUNUS* sp.  
No. 7570. Seed dealer, Igdir, Kars.
- 173071.** *PRUNUS* sp.  
No. 8680. Malatya Fruit Station, Malatya, Malatya. Sept. 14. Originally from Kastamonu, Kastamonu.
- 173072 to 173088.** *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**  
**173072.** No. 7423. Director of Agriculture, Artvin, Coruh. Aug. 15.  
**173073.** No. 7517. Seed dealer, Igdir, Kars. Aug. 18. Large winter type.  
**173074.** No. 7522. Seed dealer, Igdir, Kars. Aug. 18.  
**173075.** No. 7543. Seed dealer, Igdir, Kars. Aug. 18.  
**173076.** No. 7652. Seedsman, Karakose, Agri. Originally stock from Kayseri, Kayseri.  
**173077.** No. 7655. Seedsman, Karakose, Agri. Originally stock from Kayseri, Kayseri.  
**173078.** No. 7730. Ercis, Van. Aug. 21.

## 172672 to 173165—Continued

## 173072 to 173088—Continued

173079. No. 7760. Seed dealer, Van, Van. Aug. 23. Large, white winter type.
173080. No. 8189. Mardin, Mardin. Sept. 6. Long red type.
173081. No. 8195. Government Farm, Ceylan Punari, Viransehir, Urfa. Sept. 7.
173082. No. 8244. Market, Urfa, Urfa. Sept. 8.
173083. No. 8259. *Findik*. Market, Urfa, Urfa. Sept. 8.
173084. No. 8304. *Findik*. Germus, Urfa.
173085. No. 8309. Suruc, Urfa. Sept. 9. Root red.
173086. No. 8510. Market, Maras. Sept. 11. Root large and red.
173087. No. 8531. Gardener in Elbistan, Maras. Root large and white.
173088. No. 8783. Seed dealer, Elazig. Sept. 15. Root very large.
173089. RHAMNUS sp. Rhamnaceae.
- No. 7447. Karanlikmese, Tutunli, Coruh. Aug. 15. Shrub or small tree 12 to 15 feet tall in pine-fir forest.
- 173090 and 173091. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**
173090. No. 7569. Seed dealer, Igdir, Kars. Aug. 19.
173091. No. 7603. Melekli, Kars. Plant small.
173092. ROBINIA PSEUDOACACIA L. Fabaceae. **Common locust.**
- No. 7586. Seed dealer, Igdir, Kars.
173093. RUBUS sp. Rosaceae.
- No. 7551. Along roadside near Hopa, Coruh. Aug. 13. Growing wild near sea.
173094. RUMEX sp. Polygonaceae.
- No. 7457. *Evelik*. Ardahan, Kars. Aug. 14.
173095. RUMEX sp.
- No. 7463. Twenty km. southwest of Ardahan, Kars. Mountain basin, black soil; altitude 2,000 feet. Flowers large.
173096. RUMEX sp.
- No. 7464. Twenty km. southwest of Ardahan, Kars. Mountain basin, black soil; altitude 2,000 feet. Flowers small.
173097. RUMEX sp.
- No. 7637. Bulakbasi, Bayazit, Agri. Aug. 20. Heavy soil; altitude 1,000 feet.
173098. RUMEX sp.
- No. 7678. Sincan, Tutak, Agri.
173099. SECALE sp. Poaceae.
- No. 7616. Lower slopes of Mount Ararat near army camp of Harkof, Igdir, Kars. Altitude 2,000 feet.
- 173100 and 173101. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**
173100. No. 7527. Seed dealer, Igdir, Kars. Dark colored.
173101. No. 8669. Seed dealer, Malatya, Malatya. Sept. 13.
173102. SETARIA sp. Poaceae.
- No. 7396. Hopa, Coruh. Aug. 14. Along roadside in beech forest at 30 feet altitude.

## 172672 to 173165—Continued

173103. *SETARIA ITALICA* (L.) Beauv.

Foxtail millet.

No. 7394. Sindra, Hopa, Coruh.

173104 to 173111. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

173104. No. 7402. Director of Agriculture, Artvin, Coruh.

173105. No. 7566. Seed dealer, Iğdir, Kars.

173106. No. 7651. Seed dealer, Karaköse, Agri. Originally from Kayseri, Kayseri.

173107. No. 8240. Market, Urfa, Urfa. Sept. 8.

173108. No. 8242. Market, Urfa, Urfa. Reddish-colored.

173109. No. 8474. Market, Maras, Maras. Sept. 11.

173110. No. 8532. Gardener, Elbistan, Maras.

173111. No. 8577. Government animal-breeding station, Sultansuyu Harası, Hara, 25 km. from Malatya. Long type; home grown.

173112 to 173121. *SORGHUM VULGARE* Pers. Poaceae.

173112. No. 7392. Agricultural agent, Hopa, Coruh. Aug. 14. Originally from Kise, Coruh.

173113. No. 7440. Director of Agriculture, Artvin, Coruh.

173114. No. 7604. Melekli, Kars. Aug. 19.

173115. No. 7605. Melekli, Kars. Aug. 19.

173116. No. 7780. Market, Van, Van. Aug. 23. Originally from Istanbul, Istanbul.

173117. No. 8155. Akdari. Dara, Mardin. Sept. 6.

173118. No. 8371. Market, Nizip, Gaziantep. Sept. 9.

173119. No. 8485. Pazarcık, Maras. Sept. 11.

173120. No. 8493. Market, Maras, Maras.

173121. No. 8584. Seed dealer, Malatya, Malatya. Sept. 13.

173122 to 173131. *SPINACIA OLERACEA* L. Chenopodiaceae.

Spinach.

173122. No. 7320. *Dikenli*. Seedsman, Kars, Kars. Aug. 10. Originally from Kayseri, Kayseri. Spring type.

173123. No. 7577. Seed dealer, Iğdir, Kars.

173124. No. 7759. Market, Van, Van. Aug. 23.

173125. No. 8147. Seedsman, Mardin, Mardin. Sept. 6.

173126. No. 8299. *Dikensiz*. Germus, Urfa. Fruits spineless.

173127. No. 8503. Market, Maras. Sept. 11.

173128. No. 8535. Gardener, Elbistan, Maras. Sept. 12.

173129. No. 8553. Gardener, Elbistan, Maras. Sept. 12.

173130. No. 8557. Darende, Malatya. Sept. 12. Isolated irrigated valley in open barren mountains.

173131. No. 8562. Darende, Malatya. Sept. 12.

173132. *STIPA* sp. Poaceae.

No. 7467. Twenty km. southwest of Ardahan, Kars. Aug. 16. Mountain basin, black soil; altitude 2,000 feet.

173133. *STIPA* sp.

No. 7618. Rocky dry slopes near army camp of Harkof on lower range of Mount Ararat, Iğdir, Kars. Aug. 19. Altitude 1,800 feet.

**172672 to 173165—Continued**173134. *STIPA* sp.

No. 7641. Bulakbasi, Bayazit, Agri. Aug. 20. Broad flat, heavy soil; altitude 1,700 feet.

173135. *TAGETES* sp. Asteraceae.**Marigold.**No. 7444. *Kadife*. Director of Agriculture, Artvin, Coruh.173136. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.**Fenugreek.**No. 8534. *Buy*. Seed store, Elbistan, Maras. Sept. 12.173137. *TRIFOLIUM* sp. Fabaceae.**Clover.**

No. 7465. Twenty km. southwest of Ardahan, Kars. Aug. 16. Mountain basin, black soil; altitude 2,000 feet. Flowers large.

173138. *TRIFOLIUM* sp.**Clover.**

No. 7466. Twenty km. southwest of Ardahan, Kars. Aug. 16. Mountain basin, black soil; altitude 2,000 feet. Flowers small.

173139. *TRIFOLIUM PRATENSE* L.**Red clover.**

No. 7486. Kagizman, Kars. Irrigated orchard; altitude 1,500 feet.

173140. *TRIFOLIUM PRATENSE* L.**Red clover.**

University of Ankara, Ankara.

173141 to 173145. *VICIA ERVILIA* (L.) Willd. Fabaceae.**Vetch.**173141. No. 8275. *Kusne*. Germus, Urfa. Sept. 8.

173142. No. 8354. Market, Birecik, Urfa. Sept. 9.

173143. No. 8486. Kurtul, Maras.

173144. No. 8634. Seed dealer, Malatya. Sept. 14.

173145. No. 8761. Seed dealer, Elazig, Elazig. Sept. 15.

173146 to 173156. *VICIA FABA* L.**Broadbean.**

173146. No. 7324. Seed store, Kars, Kars. Aug. 10. Originally from Kayseri, Kayseri.

173147. No. 7429. Director of Agriculture, Artvin, Coruh. Aug. 15. Seeds white.

173148. No. 7430. Director of Agriculture, Artvin, Coruh. Aug. 15. Seeds small.

173149. No. 7502. Seed store, Igdir, Kars. Aug. 18.

173150. No. 7534. Seed store, Igdir, Kars. Aug. 18.

173151. No. 7662. Seed dealer, Karakose, Agri. Originally from Kayseri, Kayseri.

173152. No. 8207. Government Farm, Ceylan Punari. Viransehir. Urfa. Sept. 7.

173153. No. 8280. *Sam*. Germus, Urfa.

173154. No. 8282. Germus, Urfa.

173155. No. 8530. Gardener, Elbistan, Maras. Sept. 12.

173156. No. 8759. Seed dealer, Elazig, Elazig. Sept. 15. Seeds light-colored.

173157 and 173158. *VICIA SATIVA* L.**Common vetch.**

Agricultural agent, Ardahan, Kars. Aug. 15. Near Halifef, Kars.

173157. No. 7460.

173158. No. 7476.

173159. *VICIA ERVILIA* (L.) Willd.**Vetch.**No. 8151. *Kizin*. Dara, Mardin. Sept. 6.

**172672 to 173165—Continued**

- 173160 and 173161.** *VICIA SATIVA* L. Common vetch.  
**173160.** No. 8528. Seed store, Elbistan, Maras. Sept. 12.  
**173161.** No. 8697. Aksaray Makallesi, Elazig. Sept. 15.  
**173162.** *VICIA ERVILIA* (L.) Willd. Vetch.  
 No. 8705. Aksaray Makallesi, Elazig. Sept. 15.  
**173163.** *VICIA* sp. Vetch.  
 No. 7451. Ardahan, Kars.  
**173164 and 173165.** *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
**173164.** No. 7499. Seed dealer, Iğdir, Kars. Aug. 18.  
**173165.** No. 8765. Seedsman, Elazig, Elazig. Sept. 15. Originally from village of Isme, Elazig.

**173166 to 173172.**

- From Florida. Plants growing at the U. S. Plant Introduction Garden, Coconut Grove. Numbered Nov. 19, 1953.  
**173166.** *ACACIA PODALYRIAEFOLIA* A. Cunn. Fabaceae.  
 No. 13676.  
**173167.** *ACACIA SUTHERLANDII* F. Muell.  
 No. 13562.  
**173168.** *ALBIZZIA ODORATISSIMA* (L. f.) Benth. Mimosaceae.  
 No. 13557.  
**173169.** *ARECA ALICAE* F. Muell. Phoenicaceae. Palm.  
 No. 13695.  
**173170.** *BAROSMA SCOPARIA* Eckl. & Zeyh. Rutaceae.  
 No. 13669.  
**173171.** *BAUHINIA CARRONII* F. Muell. Fabaceae.  
 No. 13698.  
**173172.** *BAUHINIA* sp.  
 No. 13596.

**173173 to 173179.**

- From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Received Jan. 3, 1949.  
**173173.** *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
 Kalahari, Cape Province.  
**173174 and 173175.** *EHRHARTA CALYCINA* J. E. Smith. Poaceae.  
Perennial veldtgrass.  
**173174.** Erem, Cape Province.  
**173175.** Rietelwiesseach Station, Cape Province.  
**173176.** *EHRHARTA ERECTA* Lam.  
 George, Cape Province.  
**173177.** *SUTHERLANDIA FRUTESCENS* (L.) R. Br. Fabaceae.  
**173178.** *TARCHONANTHUS CAMPHORATUS* (DC.) Harvey. Asteraceae.  
 Cape Province.  
**173179.** *TARCHONANTHUS MINOR* Less.  
 Cape Province.

**173180 to 173190.**

From Uruguay. Seeds presented by Bernardo Rosengurt, Experimental Camp, Santa Elena. Received Dec. 28, 1948.

173180. *ADESMIA BICOLOR* (Poir.) DC. Fabaceae.

No. 259.

173181. *HORDEUM STENOSTACHYS* Godr. Poaceae.

**Barley.**

173182. *MEDICAGO MUREX* Willd. Fabaceae.

No. 1580.

173183. *MEDICAGO SATIVA* L.

**Alfalfa.**

173184. *MEDICAGO SCUTELLATA* (L.) Mill.

**Snail medic.**

173185. *MEDICAGO TUBERCULATA* (Retz.) Willd.

No. 1582.

173186. *STIPA BAVIOENSIS* Speg. Poaceae.

173187. *STIPA MEGAPOTAMICA* Trin.

No. 893.

173188. *STIPA NEESIANA* Trin. & Rupr.

173189. *TRIFOLIUM ANGUSTIFOLIUM* L. Fabaceae.

**Clover.**

No. 1719.

173190. *TRIFOLIUM FILIFORME* L.

**173191 to 173202.**

From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Jan. 5, 1949.

173191. *EHRHARTA* sp. Poaceae.

Hex River, Worcester, Cape Province.

173192 to 173200. *EHRHARTA CALYCINA* J. E. Smith.

**Perennial veldtgrass.**

From Cape Province.

173192. Mooresburg-Piquetberg road.

173193. Mitchell's Pass.

173194. Outside Darling.

173195. Gelukwaarts Farm, Citrusdal.

173196. Elandsfontein Farm, Citrusdal.

173197. Dewet Station.

173198. Near Tom Barry Farm, Buffeljachts River.

173199. George.

173200. Drakenstein.

173201. *EHRHARTA ERECTA* Lam.

George, Cape Province.

173202. *PROTEA* sp. Proteaceae.

**173203 to 173210. *PHASEOLUS VULGARIS* L. Fabaceae.**

**Common bean.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Jan. 18, 1949.

173203. *Canadian Wonder*.

173207. *Richmond Wonder*.

173204. *Clarendon Wonder*.

173208. *Tweed Wonder*.

173205. *Hawkesbury Wonder*.

173209. *Wellington Wonder*.

173206. *Pale Dun*.

173210. *Windsor Longpod*.



**173211 to 173229.**

From China. Seeds presented by Pierce G. Sylvain, FAOUN, Chung Shan Road, Nanking. Received Jan. 18, 1949.

**173211 to 173227. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.**

173211. <i>Tainum Green A.</i>	173220. <i>Laotao No. 1.</i>
173212. <i>Tainum Green B.</i>	173221. <i>Laotao No. 2.</i>
173213. <i>Indian.</i>	173222. <i>Kon 14-8-5-5.</i>
173214. <i>Korea.</i>	173223. <i>Kon-14-8-6-2.</i>
173215. <i>Chiling No. 1.</i>	173224. <i>Konchiling.</i>
173216. <i>Chiling No. 2.</i>	173225. <i>Laoyang.</i>
173217. <i>Chiling No. 4.</i>	173226. <i>L-11-13.</i>
173218. <i>Chiling No. 5.</i>	173227. <i>Hwa-Nun No. 1.</i>
173219. <i>Chiling No. 6.</i>	

**173228 and 173229. HIBISCUS SABDARIFFA L. Roselle.**

173228. Pink.  
173229. Scarlet.

**173230 to 173252.**

From the Netherlands. Seeds presented by the Ministerie van Landbouw, s'Gravenhage. Received Jan. 19, 1949.

**173230 to 173237. AVENA SATIVA L. Poaceae. Common oats.**

173230. <i>Adelaar.</i>	173234. <i>Mansholt's III.</i>
173231. <i>Binder.</i>	173235. <i>Marne.</i>
173232. <i>Eæpres.</i>	173236. <i>Tronne II (T).</i>
173233. <i>Trege.</i>	173237. <i>Wodan.</i>

**173238 to 173240. HORDEUM DISTICHON L. Poaceae. Barley.**

173238. *Abed Kenia.*  
173239. *Balder.*  
173240. *Mansholt's Sweryige.*

**173241 to 173246. LINUM USITATISSIMUM L. Linaceae. Flax.**

173241. <i>Concurrent.</i>	173244. <i>Hercules.</i>
173242. <i>Formosa.</i>	173245. <i>Hollandia.</i>
173243. <i>Gercello.</i>	173246. <i>Rembrandt.</i>

**173247. LOLIUM sp.**

*Westerwold's.*

**173248 and 173249. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

173248. *Blanka.*  
173249. *Van Hock.*

**173250 to 173252. BETA VULGARIS L. Chenopodiaceae. Beet.**

173250. *Str. 46.6.*  
173251. *Original.*  
173252. *Groenkraag.*

**173253 and 173254. PYRUS spp. Malaceae. Pear.**

From French Morocco. Seeds presented by the Horticulture Service, Rabat. Received Jan. 25, 1949.

173253. *PYRUS GHARBIANA* Trabut.  
173254. *PYRUS MAMORENSIS* Trabut.

**173255. CALLITRIS ROBUSTA (Parl.) F. M. Bailey. Pinaceae.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in January 1949.

**173256 to 173306. VITIS VINIFERA L. Vitaceae. European grape.**

From Italy. Plants presented by Luigi Pirovano, Viticultural and Horticultural Establishment, Milan. Received Jan. 27, 1949.

173256. <i>Arturo Marescalchi.</i>	173282. <i>Pignoletta.</i>
173257. <i>Ancelotta.</i>	173283. <i>Pinot Nero.</i>
173258. <i>Angelo Pirovano.</i>	173284. <i>Pirovano No. 15.</i>
173259. <i>Barbera.</i>	173285. <i>Pirovano No. 24.</i>
173260. <i>Berzamino.</i>	173286. <i>Verona.</i>
173261. <i>Bonarda.</i>	173287. <i>Primus.</i>
173262. <i>Cabernet Franc.</i>	173288. <i>Regina.</i>
173263. <i>Delizia di Vaprio.</i>	173289. <i>Regina Dei Vigneti.</i>
173264. <i>Durif.</i>	173290. <i>Riessling Italiano.</i>
173265. <i>Esperia.</i>	173291. <i>Sangiovese.</i>
173266. <i>Fresa.</i>	173292. <i>Schiraz.</i>
173267. <i>Italia.</i>	173293. <i>Sovrana.</i>
173268. <i>Littorio.</i>	173294. <i>Sultanina Nera.</i>
173269. <i>Lombardia.</i>	173295. <i>Syrah.</i>
173270. <i>Malbeck.</i>	173296. <i>Pirovano No. 1.</i>
173271. <i>Marengo.</i>	173297. <i>Pirovano No. 4.</i>
173272. <i>Maria Pirovano.</i>	173298. <i>Teresa Pirovano.</i>
173273. <i>Moscato Dell'Adda.</i>	173299. <i>Pirovano No. 17.</i>
173274. <i>Moscatello Rosso Di Madera.</i>	173300. <i>Pirovano No. 5.</i>
173275. <i>Nebbiolo.</i>	173301. <i>Teroldico.</i>
173276. <i>Alicante Bouschet.</i>	173302. <i>Sultana Moscata.</i>
173277. <i>Opale.</i>	173303. <i>Trebbiano Bianco.</i>
173278. <i>Bianca Di Foster.</i>	173304. <i>Ignea.</i>
173279. <i>Pardina.</i>	173305. <i>Volta.</i>
173280. <i>Perla Di Csaba.</i>	173306. <i>Pirovano No. 14.</i>
173281. <i>Perlona.</i>	

**173307 to 173313.**

From France. Plants presented by the Research Station of Viticulture and Horticulture, Pont-de-la-Maye, Gironde. Received Jan. 27, 1949.

**173307 to 173311. FRAGARIA. Rosaceae. Strawberry.**

Originally from M. Simmen, Montmorency, Seine-et-Oise.

173307. <i>Hercule.</i>	173310. <i>St. Jean Everbearing.</i>
173308. <i>Record Everbearing.</i>	173311. <i>Geani Simmer.</i>
173309. <i>Regal.</i>	

**173312. PRUNUS. Rosaceae.**

P. 565.

**173313. PRUNUS.**

P. 125.

**173314. PRUNUS AVIUM L. Rosaceae. Sweet cherry.**

From the Netherlands. Seeds presented by J. Floor, Institute for Horticultural Plant Breeding, Wageningen. Received Jan. 28, 1949.

**173315. SORGHUM sp. Poaceae.**

From Chile. Seeds presented by Dr. Roberto Jaramillo, Santiago. Received Jan. 28, 1949.

*Pekenne.*

**173316 to 173334. GOSSYPIMUM. Malvaceae. Cotton.**

From Mexico. Seeds collected by James Pace, Agricultural Experiment Station, Gainesville, Fla. Received Jan. 28, 1949.

173316. No. X1534.	173326. No. X3066.
173317. No. X1535.	173327. No. X3067.
173318. No. X2917.	173328. No. X3068.
173319. No. X2975.	173329. No. X3102.
173320. No. X2984.	173330. No. X3122.
173321. No. X3018.	173331. No. X3308.
173322. No. X3046.	173332. No. X3310.
173323. No. X3047.	173333. Perennial.
173324. No. X3048.	173334. Perennial.
173325. No. X3049.	

**173335 and 173336. SACCHARUM. Poaceae. Sugarcane.**

From the Union of South Africa. Cuttings presented by the Sugar Experiment Station, Mount Edgecombe, Natal. Received Jan. 28, 1949.

173335. N. Co. 79.

173336. N. N. 168.

**173337 to 173339.**

From India. Seeds presented by the Forest Research Institute, Dehra Dun, United Provinces. Received Jan. 28, 1949.

173337. ABIES SPECTABILIS Lam. Pinaceae.	Himalayan fir.
173338. PINUS GRIFFITHII McClelland. Pinaceae.	Pine.
173339. PINUS GERARDIANA Wall.	

**173340 to 173352.**

From Uruguay. Seeds presented by Drs. Bernardo Rosengurt and Alejandro Gallinal, Fla. Received Jan. 28, 1949.

173340. DANTHONIA CIRRHATA Hack. & Arech. Poaceae.	
173341. DESMODIUM CUNEATUM Hook & Arn. Fabaceae.	
173342. DESMODIUM DISCOLOR Vogel.	
173343. DESMODIUM HASSLERI (Schindler) Burkart.	
173344. LUPINUS LUTEUS L. Fabaceae.	European yellow lupine.
173345. PASPALUM ALMUM Chase. Poaceae.	
173346. PASPALUM DILATATUM Poir.	Dallis grass.
173347. PASPALUM NICORAE Parodi.	
173348. PASPALUM NOTATUM Fluegge.	
173349. PHALARIS PLATENSIS (Arech.) Valencia. Poaceae.	
173350. POA BONARIENSIS (Lam.) Kunth. Poaceae.	

**173340 to 173352—Continued**173351. *POA LANIGERA* Nees.173352. *PSORALEA GLANDULOSA* L. Fabaceae.**Scurf-pea.****173353 to 173356.** *CERATONIA SILIQUA* L. Fabaceae.**Carob.**

From Turkey. Seeds presented by Charles R. Enlow, American Embassy, Ankara. Received Jan. 31, 1949.

173353. No. 954.

173355. No. 956.

173354. No. 955.

173356. No. 957.

**173357.** *PANICUM REPENS* L. Poaceae.

From the Belgian Congo. Seeds presented by an unknown donor. Received Jan. 31, 1949.

**173358 to 173366.**

From Mexico. Seeds presented by Prof. Maximino Martinez, Botanical Society of Mexico, Mexico, D. F. Received Jan. 28, 1949.

173358. *ARIES MEXICANA* Martinez. Pinaceae.**Fir.**A Mexican fir up to 100 feet or more in height, with a conical crown and grayish, almost smooth bark. The crowded, bright-green leaves are about  $\frac{3}{4}$  inch long. Native to central Mexico.173359. *CEIBA AESCULIFOLIA* (H. B. K.) Britten & Baker. Bombacaceae.173360. *COBAEA SCANDENS* Cav. Polemoniaceae.173361. *CYRTOCARPA EDULIS* (T. S. Brandeg.) Standl. Anacardiaceae.173362. *SALVIA MEXICANA* L. Menthaceae.173363. *SOLANUM MARGINATUM* L. f. Solanaceae.**173364 to 173366.** *TIGRIDIA PAVONIA* (L. f.) Ker. Iridaceae.**Common tigerflower.**

173364. No. 1. White.

173365. No. 2. White.

173366. No. 3. Red.

**173367.** *ONOBRYCHIS* sp. Fabaceae.

From Iraq. Seeds presented by the Director General of Agriculture, Baghdad. Received Jan. 28, 1949.

**173368 to 173380.**

From Uruguay. Seeds presented by Drs. Bernardo Rosengurtt and Alejandro Gallinal, Fla. Received Jan. 13, 1949.

173368. *CHLORIS CANTERAI* Arech. Poaceae.173369. *CHLORIS CARIBAEA* Spreng.173370. *CHLORIS ULIGINOSA* Hack.173371. *GALACTIA JUSSIEANA* Kunth. Fabaceae.173372. *HEDYSARUM CORONARIUM* L. Fabaceae.**Sulla.**173373. *HORDEUM STENOSTACHYS* Godr. Poaceae.**Barley.**173374. *LATHYRUS PUBESCENS* Hook. & Arn. Fabaceae.173375. *MEDICAGO MUREX* Willd. Fabaceae.

No. 1580.

173376. *STIPA BAVIOENSIS* Speg. Poaceae.173377. *STIPA HYALINA* Nees.**Feathergrass.**

No. 891.

**173368 to 173380—Continued**173378. *STIPA MEGAPOTAMICA* Trin.

No. 893.

173379. *STIPA NEESIANA* Trin. & Rupr.173380. *TRIFOLIUM FILIFORME* L. Fabaceae.

Clover.

**173381 to 173382. *SACCHARUM*. Poaceae.**

Sugarcane.

From India. Cuttings collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 31, 1949.

173381. No. 10950. *Sebra*. Rajkot, Kathiawar. Jan. 20, 1949. Heavy cane, 7 feet tall. Chewing type of ordinary quality.

173382. No. 10951. *Moras*. Rajkot, Kathiawar. Jan. 20, 1949. Heavy cane and sweet.

**173383 to 173604.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 1, 1949.

Collected in 1948.

173383 to 173395. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

173383. No. 6506. Akdogan, Kizilcahamam, Ankara. July 19.

173384 to 173389. From Bolu Province.

173384. No. 6517. Gerede.

173385. No. 6525. Eskicag, Gerede. July 20.

173386. No. 6527. Eskicag, Gerede. July 20.

173387. No. 6532. Mengen.

173388. No. 6535. Mengen.

173389. No. 6536. Mengen.

173390. No. 6555. Devrek, Zonguldak. July 20.

173391. No. 6568. Bartin, Zonguldak.

173392. No. 6572. Bartin, Zonguldak.

173393. No. 6622. Market, Arac, Kastamonu. July 22. Originally from village of Damla, Kastamonu.

173394. No. 6625. Arac, Kastamonu. Hard red type.

173395. No. 6627. Kastamonu Province. Originally from village of Karabuzey, Arac.

173396. *TRITICUM MONOCOCCUM* L.

No. 6642. Seed store, Kastamonu.

173397. *TRITICUM AESTIVUM* L.

Common wheat.

No. 666. Market, Taskopru, Kastamonu. July 23. Originally from village of Bademci, Kastamonu.

173398. *TRITICUM MONOCOCCUM* L.

No. 6668. Village of Yukari Cayircik, Kastamonu.

173399 to 173404. *TRITICUM AESTIVUM* L.

Common wheat.

173399. No. 6669. *Sumeder Cakerlisi*. Kornapa, Taskopru, Kastamonu.

173400. No. 6670. Asagi Emerce, Taskopru, Kastamonu. Italian type.

173401. No. 6671. *Tunis*. Bey, Taskopru, Kastamonu. Soft type.

173402. No. 6673. Vakif Belveren, Taskopru, Kastamonu. Hard yellow type.

## 173383 to 173604—Continued

## 173399 to 173404—Continued

173403. No. 6698. Gumanuz, Alacam, Samsun. July 24.

173404. No. 6700. Gumanuz, Alacam, Samsun. July 24.

173405. *TRITICUM MONOCOCCUM* L.

No. 6739. Director of Samsun Bolge Tohum Istasyonu, 17 km. east of Samsun, Samsun Province. July 25.

173406 to 173467. *TRITICUM AESTIVUM* L.

Common wheat.

173406 to 173413. From Samsun Province.

173406. No. 6760. *Montana*. Director of Samsun Bolge Tohum Istasyonu, 17 km. east of Samsun. July 25.

173407. No. 6764. Field, 12 km. south of Kavak. July 26.

173408 to 173413. Agricultural agent, Havza. July 26.

173408. No. 6766. *Roumanian*.

173411. No. 6769.

173409. No. 6767. Yellow  
winter.

173412. No. 6770.

173410. No. 6768. *Ciplak*.173413. No. 6771. *Karabug-  
day*. Dark-colored awns.

173414. No. 6877. Yukari Cayircik, Taskopru, Kastamonu. July 23.

173415. No. 6778. Grain dealer, Havza, Samsun. July 26.

173416. No. 6812. *Ereyik*. Udarnik, Amasya. July 26.173417. No. 6833. *Italia*. Grain dealer, Tokat, Tokat. July 27.173418. No. 6841. *Ereyik*. Grain dealer, Tokat, Tokat. July 27.

173419. No. 6904. Niksar, Tokat. July 28.

173420. No. 6908. Niksar, Tokat. July 28.

173421. No. 6963. Karakurs, Unye, Ordu. July 29.

173422. No. 6971. *Mantana*. Seed dealer, Unye, Ordu.

173423. No. 6977. Unye, Ordu. Originally from village of Zembek, Ordu.

173424. No. 7022. Market, Rize, Rize. Aug. 2. Originally from Corum, Rize.

173425. No. 7025. Market, Rize, Rize. Aug. 2. Originally from Corum, Rize.

173426. No. 7024. Rize, Rize. Originally from Erzurum Province.

173427. No. 7063. Market, Akcaabat, Trabzon. Aug. 3. Originally from Gaziantep, Gaziantep.

173428. No. 7109. *Kirik*. Bayburt, Gumusane. Aug. 5.

173429. No. 7118. Manaster, Bayburt.

173430. No. 7206. *Kirik*. Hoppik, Pasinler, Erzurum. Aug. 7.

173431. No. 7207. Pasinler, Erzurum. Awns red.

173432. No. 7812. *Kirik*. Village of Hangestonas, Golpinar, Van. Aug. 24.173433. No. 7813. *Sipilk*. Village of Hangestonas, Golpinar, Van. Aug. 24.

173434. No. 7814. Growing in field on mountainside 1 mile above Golpinar, Van. Altitude 2,700 feet.

173435 and 173436. Mountain meadow, 20 miles south of Golpinar, Van. Altitude 3,000 feet.

173435. No. 7824.

173436. No. 7826.

173437. No. 7838. Kalilan, Hakari. Aug. 25. Winter type.

## 173383 to 173604—Continued

## 173406 to 173467—Continued

- 173438 and 173439. Asagi Kanonos, Hakari. Mountain field at 2,300 feet altitude.
173438. No. 7845.
173439. No. 7851.
- 173440 and 173441. Merzan, in valley southwest of Hakari, Hakari. Altitude 2,200 feet.
173440. No. 7857.
173441. No. 7858. Winter type.
- 173442 to 173447. From Gurpinar, Van. Aug. 26 and 27.
173442. No. 7890. Kasrik. Black awns.
173443. No. 7891. *Havidik*. Kasrik.
173444. No. 7892. *Kirik*. Kasrik.
173445. No. 7894. Village of Aspecin. Black awns.
173446. No. 7895. *Hevilik*. Aspecin.
173447. No. 7896. *Kirik*. Aspecin.
173448. No. 7901. Field 32 miles east of Van, Van.
173449. No. 7913. Baskale, Van.
173450. No. 7918. *Kirik*. Etenon, Gevas, Van. Aug. 28.
173451. No. 7921. Havanek, Tatvan, Bitlis.
173452. No. 7923. *Shepik*. Baskan, Bitlis. Aug. 29.
173453. No. 7924. *Payze*. Kanagder, Bitlis.
- 173454 to 173460. Director of Agriculture, Siirt. Aug. 29.
173454. No. 7932. Black-awned type. 173458. No. 7940. *Soran*.
173455. No. 7933. *Alican*. Kurtalan. 173459. No. 7942. *Humruk*. Kurtalan.
173456. No. 7936. *Humruk*.
173457. No. 7938. *Alican*. 173460. No. 7943. *Sora*.
173461. No. 7949. *Topik*. Village of Acimanuk, Mus. Aug. 31.
173462. No. 7952. Village of Acimanuk, Mus. Aug. 31. Red.
173463. No. 7996. Sarge, Bingol. Sept. 1. Mixed.
173464. No. 7970. Vicinity of Mus. Aug. 31. Summer type.
173465. No. 7982. Mus, Mus. Originally from Ankara Station, Ankara.
173466. No. 7992. *Bursa*. Bingol, Bingol. Sept. 1.
173467. No. 7994. Sarge, Bingol.
173468. *TRITICUM PERSICUM* (Boiss.) Aitch. & Hemsl. Persian wheat.  
No. 7301. Melik, Kars. Aug. 10. Rich black soil; altitude 1,700 feet.
- 173469 to 173502. *TRITICUM AESTIVUM* L. Common wheat.
173469. No. 8001. Village of Yenikoy, Elazig. Sept. 1.
173470. No. 8004. *Topik*. Village of Yenikoy, Elazig. Sept. 1.
173471. No. 7010. *Kose*. Village of Yenikoy, Elazig. Sept. 1.
173472. No. 8011. *Menceki*. Kurumezri, Palu, Elazig.
173473. No. 8014. *Asure*. Village of Halvenk, Elazig. Sept. 2.
173474. No. 8015. *Kose*. Village of Halvenk, Elazig. Sept. 2.
173475. No. 8016. *Menceki*. Village of Halvenk, Elazig. Sept. 2.

## 173383 to 173604—Continued

## 173469 to 173502—Continued

173476. No. 8020. *Menceki*. Village of Erzuruk, Elazig.  
 173477. No. 8032. Bizmisen, Elazig. Beardless type.  
 173478 to 173480. Market, Diyarbakir, Diyarbakir. Sept. 4.  
 173478. No. 8038. Originally from Satikoy, Diyarbakir.  
 173479. No. 8039. Sept. 4. Originally from Satikoy, Diyarbakir.  
 173480. No. 8049. Originally from Cinar, Diyarbakir. Hard type.  
 173481. No. 8052. Somakli, Diyarbakir. Awns yellow.  
 173482. No. 8152. *Devedisa*. Dara, Mardin. Sept. 6.  
 173483. No. 8249. Seed dealer, Urfa, Urfa. Sept. 8. Originally from Horan, Akcakhale, Urfa. Awns red.  
 173484. No. 8266. Seyhcoban, Urfa.  
 173485. No. 8284. Germus, Urfa. Awns red.  
 173486 to 173489. Market, Suruc, Urfa. Sept. 9.  
 173486. No. 8320. *Purcuklu*. 173488. No. 8328.  
 173487. No. 8323. Mixed. 173489. No. 8332. *Misri*.  
 173490. No. 8376. *Havran*. Grain market, Nizip, Gaziantep. Sept. 9. Originally from Barak.  
 173491. No. 8418. *Havran*. Grain market, Gaziantep, Gaziantep.  
 173492. No. 8449. Grain market, Gaziantep, Gaziantep. Awns red.  
 173493. No. 8578. *Kunduru*. Sultansuyu Harasi, Hara, 25 km. from Malatya, Malatya.  
 173494. No. 8593. *Kunduru*. Seed dealer, Malatya, Malatya. Sept. 13.  
 173495. No. 8600. *Asure*. Seedsman, Malatya, Malatya.  
 173496 to 173502. Presented by the Director of Agriculture, Elazig, Elazig. Sept. 15.  
 173496. No. 8687. *Cankiri*. Aksaray Makallesi. White, winter.  
 173497. No. 8703. *Asure*. Kisvan Usagi. Winter type.  
 173498. No. 8712. Tepe, Karakocan.  
 173499. No. 8741. *Asure*. Hacisam, Palu.  
 173500. No. 8742. *Asure*; *Menceki*. Hovancilar, Palu.  
 173501. No. 8740. *Asure*. Papikan, Palu.  
 173502. No. 8749. *Asure*. Safalar. Soft type.
173503. *TRITICUM DICOCCUM* Schrank. **Emmer.**  
 No. 7397. Erenler, Artvin, Coruh. Aug. 14.
- 173504 to 173508. *HORDEUM DISTICHON* L. Poaceae. **Barley.**  
 173504. No. 6507. Celiteki, Kizilcahamam, Ankara. July 19.  
 173505. No. 6516. Gerede, Bolu.  
 173506. No. 6526. Eskicag, Gerede, Bolu. Originally from Ankara Station, Ankara.  
 173507. No. 6531. Mengen, Bolu. July 20.  
 173508. No. 6534. Mengen, Bolu.
173509. *HORDEUM VULGARE* L.  
 No. 6573. Bartin, Zonguldak. July 21.



## 173383 to 173604—Continued

173510 to 173513. *HORDEUM DISTICHON* L.

173510. No. 6614. Safranbolu, Zonguldak. July 22.

173511. No. 6623. Market, Arac, Kastamonu. July 22. Originally from village of Samatlar, Kastamonu.

173512. No. 6629. Arac, Kastamonu.

173513. No. 6643. Seed store, Kastamonu.

173514. *HORDEUM VULGARE* L.

No. 6674. Kadikoy, Taskopru, Kastamonu.

173515. *HORDEUM DISTICHON* L.

No. 6676. Tepedelik, Kastamonu. July 23.

173516 to 173519. *HORDEUM VULGARE* L.

173516. No. 6688. Kabali, Sinop. July 24.

173517. No. 6691. Cakalli, Gerze, Sinop.

173518. No. 6699. Village of Gumanuz, Alacam, Samsun. July 24.

173519. No. 6702. Village of Gumanuz, Alacam, Samsun. July 24.

173520. *HORDEUM DISTICHON* L.

No. 6741. Director of Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25. Two-rowed type.

173521. *HORDEUM VULGARE* L.

No. 6747. Director of Samsun Bolge Tohum Istasyonu, Samsun, Samsun. July 25.

173522. *HORDEUM* sp.

No. 6773. Agricultural agent, Havza, Samsun. July 26.

173523. *HORDEUM* sp.No. 6776. *Sirma*. Agricultural agent, Havza, Samsun. July 26.173524. *HORDEUM VULGARE* L.

No. 7841. Kalilan, Hakari. Aug. 25.

173525. *HORDEUM DISTICHON* L.

No. 6780. Seedsmen, Kirslacik, Amasya, Amasya. July 26.

173526 to 173530. *HORDEUM VULGARE* L.

173526 to 173529. Seedsmen, Amasya, Amasya. July 26.

173526. No. 6785. *Altikiran*.

173528. No. 6803. Yordenek.

Avren. Six-rowed.

173529. No. 6808.

173527. No. 6788.

173530. No. 6840. Grain dealers, Tokat, Tokat. July 27.

173531 to 173535. *HORDEUM DISTICHON* L.

173531 to 173533. Grain dealers, Tokat, Tokat. July 27.

173531. No. 6843.

173532. No. 6844. Varazlar.

173533. No. 6846. Cerci.

173534. No. 6964. Karakurs, Unye, Ordu. July 28.

173535. No. 6978. Seed dealer, Unye, Ordu. Originally from Samsun, Samsun.

173536 and 173537. *HORDEUM VULGARE* L.

173536. No. 6979. Zembek, Unye, Ordu.

173537. No. 6981. *Altikiran*. Gobu, Unye, Ordu. Six-rowed.

## 173383 to 173604—Continued

173538 and 173539. *HORDEUM DISTICHON* L.

173538. No. 6986. *Yassi*. Golevi, Unye, Ordu.

173539. No. 7021. Rize, Coruh. Aug. 2. Originally from Erzurum, Erzurum.

173540. *HORDEUM VULGARE* L.

No. 7066. Market, Akcaabat, Trabzon. Aug. 3. Imported type.

173541 to 173544. *HORDEUM DISTICHON* L.

173541. No. 7113. Ahsunk, Bayburt, Gumusane. Aug. 5.

173542. No. 7203. Pasinler, Erzurum. Aug. 7. Two-rowed type.

173543. No. 7628. Bayazit, Agri. Aug. 20.

173544. No. 7809. Hangestonas, Gulpinar, Van. Aug. 24.

173545 and 173546. *HORDEUM VULGARE* L.

173545. No. 7846. Asagi Kanonos, Hakari. Aug. 25. Closed valley at 2,300 feet altitude. Six-rowed type.

173546. No. 7893. Aspecin, Gulpinar, Van. Two-rowed type.

173547 and 173548. *HORDEUM DISTICHON* L.

173547. No. 7897. Aspecin, Gulpinar, Van. Aug. 27. Two-rowed.

173548. No. 7911. Baskale, Van. Aug. 28. Two-rowed with pronounced twinning tendency. Some lateral florets have seeds.

173549. *HORDEUM VULGARE* L.

No. 7912. Baskale, Van. Six-rowed type. Strong twinning tendency.

173550 to 173571. *HORDEUM DISTICHON* L.

173550. No. 7916. Etenon, Gevas, Van. Two-rowed type.

173551. No. 7939. Director of Agriculture, Siirt, Siirt. Aug. 29. Two-rowed.

173552. No. 7941. Director of Agriculture, Siirt, Siirt. Aug. 29. Originally from village of Kurtalan, Siirt. Two-rowed.

173553. No. 7953. Acimanuk, Mus. Aug. 31. Two-rowed.

173554. No. 7988. Agricultural agent, Mus, Mus.

173555. No. 8003. Yenikoy, Karakocan, Elazig. Sept. 1.

173556. No. 8007. Yenikoy, Karakocan, Elazig. Sept. 1. Two-rowed black type.

173557. No. 8017. *Kilic*. Erzuruk, Elazig. Sept. 2.

173558. No. 8030. *Adapazari*. Bizmisen, Elazig. Two-rowed type.

173559. No. 8031. Bizmisen, Elazig. Black type.

173560. No. 8042. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Originally from Yenikoy, Elazig. Two-rowed type.

173561. No. 8045. Seedsman, Diyarbakir, Diyarbakir. Originally from Sark, Bismil. Two-rowed.

173562. No. 8053. Diyarbakir, Diyarbakir. Two-rowed type.

173563. No. 8162. Dara, Mardin. Sept. 6. Black type.

173564. No. 8219. Market place, Urfa, Urfa. Sept. 8.

173565. No. 8263. Melikviran, Urfa. Blue type.

173566. No. 8315. Grain market, Suruc, Urfa. Sept. 9. White type.

173567. No. 8322. Grain market, Suruc, Urfa. Sept. 9.

173568. No. 8356. Seedsman, Birecik, Urfa. Black type.

**173383 to 173604—Continued****173550 to 173571—Continued**

173569. No. 8372. Grain market, Nizip, Gaziantep. Sept. 9. Originally from Barak, Gaziantep. Black type.

173570. No. 8415. Market place, Gaziantep, Gaziantep.

173571. No. 8450. *Kupeli*. Market place, Gaziantep, Gaziantep.

**173572. HORDEUM VULGARE L.**

No. 8455. *Altikiran*. Market place, Gaziantep, Gaziantep.

**173573. HORDEUM DISTICHON L.**

No. 8466. *Ikikiran*. Market place, Gaziantep, Gaziantep.

**173574 to 173577. HORDEUM VULGARE L.**

173574. No. 8594. Seed dealer, Malatya, Malatya. Sept. 13.

173575. No. 8597. *Altikiran*. Malatya, Malatya. Six-rowed type.

173576. No. 8601. Malatya, Malatya.

173577. No. 8691. Aksaray Makallesi, Elazig. Sept. 15. Six-rowed type.

**173578. HORDEUM DISTICHON L.**

No. 8747. Safalar, Elazig.

**173579 to 173582. AVENA SATIVA L. Poaceae.****Common oats.**

173579. No. 3851. Karabiga, Izmir.

173580. No. 6737. *Yesilkoy No. 1179*. Director of Samsun Bolge Tohum Istasyonu, Samsun. July 25.

173581. No. 6957. Karakurs, Unye, Ordu. July 28. Altitude 1,300 feet.

173582. No. 6984. Gumarli, Unye, Ordu. Black type.

**173583. AVENA sp.****Oats.**

No. 7449. Ardahan, Kars. Aug. 15.

**173584. AVENA sp.**

No. 7457-A. Halifef, Ardahan, Kars.

**173585. AVENA SATIVA L.****Common oats.**

No. 8700. Director of Agriculture, Elazig, Elazig. Originally from Aksaray Makallesi.

**173586 to 173600. SECALE CEREALE L. Poaceae.****Rye.**

173586. No. 6640. Seed store, Kastamonu, Kastamonu. July 22.

173587. No. 6807. Seed dealer, Amasya, Amasya. July 26. Originally from Uygur, Amasya.

173588. No. 6955. Karakurs, Unye, Ordu. July 28. Altitude 1,300 feet.

173589. No. 6982. Seed dealer, Unye, Ordu. Originally from Lahana, Ordu.

173590. No. 7103. Osluk, Gumusane. Aug. 4. Irrigated valley with heavy soil. Altitude 1,200 feet.

173591. No. 7114. Hasiya, Bayburt, Gumusane. Aug. 5.

173592. No. 7611. Lower slopes of Mount Ararat, Igdir, Kars. Aug. 19. Hot, dry, rocky area. Wild type.

173593. No. 7671. Hamor, Agri. Aug. 21. Canyon bottom about 15 miles south of Karakose, Agri.

173594. No. 7694. Zorova, Ercis, Van. Aug. 21. Large, heavily stooled plants. Altitude 1,800 feet.

173595. No. 7810. Hangestonas, Golpinar, Van. Aug. 24.

173596. No. 7885. Zivik, Gurpinar, Van. Aug. 26. Altitude 3,000 feet.

**173383 to 173604—Continued****173586 to 173600—Continued**

173597. No. 7888. Village of Kasrik, Gurpinar, Van.

173598. No. 7995. Sarge, Bingol. Sept. 1.

173599. No. 8013. Halvenk, Elazig. Sept. 2.

173600. No. 8440. Grain market, Gaziantep, Gaziantep. Sept. 10. Originally from village of Sof, Gaziantep.

**173601 to 173604. ORYZA SATIVA L. Poaceae.****Rice.**

173601. No. 7393. Sindra Mahale, Hopa, Coruh. Aug. 14.

173602. No. 7383. Arhavi, Hopa, Coruh.

173603. No. 7870. Governor's garden, Hakari, Aug. 25.

173604. No. 6664. Market place, Taskopru, Kastamonu. July 23. Red type.

**173605. BETA VULGARIS L. Chenopodiaceae.****Beet.**

From the Netherlands. Seeds presented through the Division of Sugar Plants Investigation. Received Jan. 28, 1949.

**173606 to 173608.**

From India. Collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 3, 1949.

**173606 and 173607. SACCHARUM. Poaceae.****Sugarcane.**

173606. No. 10406. *Poona*; *Poonda*. Amritsar, western Punjab. Nov. 14, 1948. Chewing cane; native type. Cuttings.

173607. No. 10407. *Kathi*. Amritsar, western Punjab. Nov. 14, 1948.

**173608. GOSSYPIUM. Malvaceae.****Cotton.**

No. 9872. *Rui*. Dehra Dun, United Provinces. Aug. 28, 1948. Used for both oil and fiber. Seeds.

**173609 to 173613.**

From Florida. Plants growing at the United States Pant Introduction Garden, Coconut Grove. Numbered Nov. 19, 1953.

173609. *CASSIA BREWSTERI* F. Muell. Fabaceae.

173610. *CERATOPETALUM GUMMIFERUM* Smith. Cunoniaceae.

173611. *CORNUS CAPITATA* Wall. Cornaceae.

173612. *CROTATARIA MITCHELLII* Benth. Fabaceae.

173613. *DEUTZIA PULCHRA* Vidal. Saxifragaceae.

**173614 to 173831.**

From Turkey. Seeds presented by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 7, 1949.

Collected in 1948.

173614. *AEGILOPS TRIARISTATA* Willd. Poaceae.

No. 7929. Malabado, Baykan, Siirt. Aug. 29. Dry rocky slope.

173615. *AEGILOPS* sp.

No. 7883. Zap-Canyon below Hakari. Aug. 26. On canyon side near trail. Altitude 1,500 feet.

173616 and 173617. *AEGILOPS TRIARISTATA* Willd.

173616. No. 8000. Karakocan Deresi, Elazig. Sept. 1. Growing with *Triticum aegilopioides* in dry lava bed.

173617. No. 8022. Erzurum, Erzurum. Dry lava bed near village.

## 173614 to 173831—Continued

- 173618 and 173619. *ALLIUM CEPA* L. Liliaceae. Onion.  
 173618. No. 7877. Governor's garden, Hakari, Hakari. Aug. 25.  
 173619. No. 7979. Agricultural agent, Mus, Mus. Aug. 31.
173620. *ALLIUM PORRUM* L. Leek.  
 No. 8622. Seed dealer, Malayta, Malayta. Sept. 14.
- 173621 to 173623. *AGROPYRON CRISTATUM* (L.) Gaertn. Crested wheatgrass.  
 173621. No. 7287. Dere Ici, Kars. On steep mountainside at 1,700 feet altitude.  
 173622. No. 7899. Thirty-two miles east of Van, near Gurpinar, Van. Aug. 27. On rocky slope at 2,100 feet altitude.  
 173623. No. 7906. East side of Kepir mountain pass, Baskale, Van. Aug. 27. Altitude 2,700 feet.
173624. *AGROPYRON* sp.  
 No. 7236. Roadside near Horasan, Erzurum. Aug. 8. Gravelly soil, altitude 1,600 feet.
173625. *AGROPYRON* sp.  
 No. 7250. Asagi Mecingert, Sarikamis, Kars. On rocky hillside at 1,600 feet altitude.
173626. *AGROPYRON* sp.  
 No. 7268. Zek, Sarikamis, Kars. On dry mountainside.
173627. *AGROPYRON INTERMEDIUM* (Host) Beauv.  
 No. 7294. Dere Ici, Kars. Aug. 10. Altitude 1,750 feet.
173628. *AGROPYRON REPENS* (L.) Beauv. Quackgrass.  
 No. 7817. Golpinar, Van. Aug. 24. Growing in moist spot on mountainside at 2,700 feet altitude.
173629. *AGROPYRON* sp.  
 No. 7831. Fifteen miles south of Golpinar, Kars. Moist spot on mountainside at 3,000 feet altitude.
173630. *AGROPYRON INTERMEDIUM* (Host) Beauv.  
 No. 7990. Solhan, Bingol. Aug. 31. Dry rocky hillside.
173631. *AGROPYRON REPENS* (L.) Beauv. Quackgrass.  
 No. 7910. East side of Kepir mountain pass, Baskale, Van. Aug. 27.
173632. *ALBIZZIA JULIBRISSIN* Durazz. Mimosaceae. Silktree.  
 No. 8036. Director of Tree Nursery, Elazig, Elazig. Sept. 2.
173633. *PRUNUS AMYGDALUS* Batsch. Rosaceae. Almond.  
 No. 8682. *Topak Saridis*. Malatya Fruit Nursery Station, Malatya, Malatya. Sept. 14. Sweet type.
173634. *PRUNUS* sp.  
 No. 7962. Director of Agriculture, Mus, Mus. Aug. 31.
173635. *ANDROPOGON ISCHAEMUM* L. Poaceae.  
 No. 7376. Tutunli, Coruh. Aug. 12. On dry hot rocky slope at 1,000 feet altitude.
- 173636 to 173638. *BOTHRIOCHLOA INTERMEDIA* (R. Brown) A. Camus. Poaceae.  
 173636. No. 7836. Cami Alakonu, Hakari. Aug. 25. Along irrigation ditch in closed mountain valley at 3,000 feet altitude.  
 173637. No. 7960. Five km. west of Mus, Mus. Aug. 31. On heavy soil.  
 173638. No. 7991. Talvara, Bingol. Aug. 31. Among volcanic rocks.

## 173614 to 173831—Continued

- 173639 and 173640. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**  
 173639. No. 7863. Governor's garden, Hakari, Hakari. Aug. 25.  
 173640. No. 7975. Director of Agriculture, Mus, Mus. Aug. 31.
- 173641 and 173642. *BETA VULGARIS* L. Chenopodiaceae. **Beet.**  
 173641. No. 7110. *Kocabasi*. Bayburt, Gumusane. Aug. 5. Originally from Amasya, Amasya. Mangel type.  
 173642. No. 7865. Governor's garden, Hakari, Hakari. Aug. 25.
173643. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. **Cabbage.**  
 No. 7977. Director of Agriculture, Mus, Mus. Aug. 31.
173644. *BRASSICA RAPA* L. **Turnip.**  
 No. 8635. *Salgam*. Seed dealer, Malatya, Malatya. Sept. 14.
- 173645 to 173652. *BROMUS INERMIS* Leyss. Poaceae. **Smooth brome grass.**  
 173645. No. 7182. Moden, Gumusane. Aug. 6. Along mountain stream at 1,850 feet altitude.  
 173646. No. 7256. Zivin, Kars. Aug. 8. Along bank of irrigation ditch near village. Altitude 1,700 feet.  
 173647. No. 7290. Dere Ici, Kars. Aug. 10. On steep hillside at 1,750 feet altitude.  
 173648. No. 7348. Cildir, Kars. Aug. 11. On steep slope in black soil, near Cildir Lake; altitude 1,960 feet.  
 173649. No. 7819. Fifteen miles south of Golpınar, Van. Aug. 24. Growing in steep spot on mountainside at 3,000 feet altitude.  
 173650. No. 7886. Twenty miles south of Golpınar, Van.  
 173651. No. 7902. Hosap, Gulpınar, Van. Aug. 27. On dry gravelly soil near stream at 2,100 feet altitude.  
 173652. No. 7909. East side of Kepir mountain pass at 2,500 feet altitude.
173653. *BROMUS* sp.  
 No. 7296. Camcavus, Kars. Aug. 10. On rocky hilltop at 1,700 feet altitude.
173654. *BROMUS* sp.  
 No. 7374. Karanlıkmeşe, Tutunli, Coruh. Aug. 12. Growing along roadside on moist side of pass at 2,000 feet altitude.
173655. *BROMUS* sp.  
 No. 7830. Between Sandog and Karadag, Hakari. Aug. 24. On steep mountainside at 3,200 feet altitude.
173656. *CEPHALARIA* sp. Dipsacaceae.  
 No. 8630. *Kengel Sakizi*. Seedsman, Malatya, Malatya. Sept. 14. Rubber plant.
173657. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**  
 No. 8603. *Kisnis*. Seedsman, Malatya, Malatya. Sept. 14.
- 173658 to 173666. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**  
 173658. No. 7866. Governor's garden, Hakari, Hakari. Aug. 25.  
 173659. No. 7935. Director of Agriculture, Siirt, Siirt. Aug. 29.  
 173660. No. 7951. Village of Acimanuk, Mus. Aug. 31.  
 173661. No. 7976. Director of Agriculture, Mus, Mus.  
 173662. No. 8005. Yenikoy, Karakocan, Elazig. Sept. 1. White type.  
 173663. No. 8591. Seedsman, Malatya, Malatya. Sept. 14. Black type.  
 173664. No. 8606. Malatya, Malatya. White type.

**173614 to 173831—Continued****173658 to 173666—Continued**

173665. No. 8706. *Cakil*. Director of Agriculture, Elazig, Elazig. Sept. 15. Originally from Aksaray Makallesi, Elazig.

173666. No. 8753. Director of Agriculture, Elazig, Elazig. Originally from Safalar, Elazig.

**173667 to 173670. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

173667. No. 7876. Governor's garden, Hakari, Hakari. Aug. 25.

173668. No. 7974. Director of Agriculture, Mus, Mus. Aug. 31.

173669. No. 7993. Marsen, Bitlis. Aug. 30.

173670. No. 8196. Ceylan Punari, Viransehir, Urfa. Sept. 7.

**173671 to 173673. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

173671. No. 7874. *Acen*. Governor's garden, Hakari, Hakari. Aug. 25.

173672. No. 7966. Director of Agriculture, Mus, Mus. Aug. 31.

173673. No. 8685. Maras, Maras. Sept. 11.

**173674 and 173675. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.**

173674. No. 7691. Director of Agriculture, Mus, Mus. Aug. 31.

173675. No. 7973. Director of Agriculture, Mus, Mus. Aug. 31. Long type.

**173676. CUCUMIS MELO L. Muskmelon.**

No. 8607. *Kutah*. Seed dealer, Malatya, Malatya. Sept. 14.

**173677. CUCUMIS SATIVUS L. Cucumber.**

No. 8623. Seed dealer, Malatya, Malatya. Sept. 14. Long type.

**173678 and 173679. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.**

173678. No. 7875. Governor's garden, Hakari, Hakari. Aug. 25.

173679. No. 8611. Seed dealer, Malatya, Malatya. Sept. 14.

**173680. CUCURBITA PEPO L. Pumpkin.**

No. 7873. Governor's garden, Hakari, Hakari. Aug. 25.

**173681. CUCURBITA PEPO VAR. OVIFERA (L.) Alef. Gourd.**

No. 7881. *Yumurta*. Fruits 2 inches in diameter.

**173682 to 173686. CUCURBITA PEPO L. Pumpkin.**

173682. No. 7981. Director of Agriculture, Mus, Mus. Aug. 31.

173683. No. 7984. Director of Agriculture, Mus, Mus. Aug. 31. Sweet type.

173684. No. 8643. *Dolmalik*. Seedsman, Malatya, Malatya. Sept. 14.

173685. No. 8646. Seedsman, Malatya, Malatya. Sept. 14. Winter type.

173686. No. 7878. Governor's garden, Hakari, Hakari.

**173687 and 173688. DAUCUS CAROTA L. Apiaceae. Carrot.**

173687. No. 7882. Governor's garden, Hakari, Hakari. Aug. 25.

173688. No. 8612. Seedsman, Malatya, Malatya. Sept. 14.

**173689 to 173699. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.**

173689. No. 7135. Ekrek, Gumusane. Aug. 5. Very dry, heavy, reddish soil; altitude 1,500 feet.

173690. No. 7239. Horasan, Erzurum. Aug. 8. On dry rocky hillside at 1,600 feet altitude.

173691. No. 7246. Asagi Mecingert, Sarikamis, Kars. Aug. 8. Altitude 1,600 feet.

## 173614 to 173831—Continued

## 173689 to 173699—Continued

173692. No. 7259. Zuin, Kars. Altitude 1,700 feet.

173693. No. 7331. Buyukzaim, Kars. Aug. 11. Along roadside in rich black soil at 1,750 feet altitude.

173694. No. 7344. Vicinity of Cildir Lake, Cildir, Kars. Aug. 11. Rocky open range country; altitude 1,950 feet.

173695. No. 7351. Cildir, Kars. Black soil along roadside; altitude 2,000 feet.

173696. No. 7372. Karanlikmese, Tutunli, Coruh. Aug. 12. Growing at moist side of the pass in pine-fir forest; altitude 2,000 feet.

173697. No. 7905. East side of Kepir mountain pass, Baskale, Van. Aug. 27. Dry rocky slopes; altitude 2,600 feet.

173698. No. 7920. Piriguri, Tatvan, Bitlis. Aug. 28. Dry rocky hillside; altitude 2,000 feet.

173699. No. 7822. Fifteen miles south of Golpinar, Van. Aug. 24. Growing on mountainside; altitude 3,000 feet.

## 173700. BRACHYPODIUM SYLVATICUM (Huds.) Beauv. Poaceae.

No. 7854. Closed mountain valley above Hakari and below Asagi Kanonos, Hakari. Aug. 25.

## 173701. GLEDITSIA TRIACANTHOS L. Fabaceae.

**Honeylocust.**

No. 8034. Director of Tree Nursery in Elazig, Elazig.

## 173702. GLYCYRRHIZA ECHINATA L. Fabaceae.

**Licorice.**

No. 7959. One mile west of Acimanuk, Mus. Aug. 31. Coarse viny legume, said to be unpalatable.

## 173703. GOSSYPIUM. Malvaceae.

**Cotton.**

No. 8588. *Yerli*. Malatya, Malatya. Sept. 14. Local type.

## 173704 to 173706. HELIANTHUS ANNUUS L. Asteraceae.

**Sunflower.**

173704. No. 7336. Zuhrap, Arpacay, Kars. Aug. 11. Altitude 1,800 feet.

173705. No. 7880. Governor's garden, Hakari, Hakari. Aug. 25.

173706. No. 8648. Seedsman, Malatya, Malatya. Sept. 14.

## 173707. HIBISCUS SYRIACUS L. Malvaceae.

**Shrub-althea.**

No. 8035. *Gulhatmi*. Director of Tree Nursery, Elazig, Elazig. Sept. 2. Ornamental shrub. Flowers white and blue.

## 173708. IPOMOEA PURPUREA (L.) Roth. Convolvulaceae.

**Common morning-glory.**

No. 8666. Seed dealer, Malatya, Malatya. Sept. 14.

## 173709. IRIS sp. Iridaceae.

No. 7898. Thirty miles east of Van, Van. Aug. 27. Growing wild in small flat near mountain stream; altitude 2,100 feet.

## 173710 and 173711. LACTUCA SATIVA L. Asteraceae.

**Lettuce.**

173710. No. 7986. Director of Agriculture, Mus, Mus. Aug. 31.

173711. No. 8642. *Kivircik*. Seedsman, Malatya, Malatya. Sept. 14.

## 173712 and 173713. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae.

**Calabash gourd.**

173712. No. 8621. *Sus Kabak*. Seedsman, Malatya, Malatya.

173713. No. 8626. Seedsman, Malatya, Malatya.



## 173614 to 173831—Continued

- 173714 and 173715. *LATHYRUS SATIVUS* L. Fabaceae. **Bittervetch.**  
 Director of Agriculture, Elazig, Elazig.
173714. No. 8688. Sept. 15. Originally from Aksaray Makallesi, Elazig.
173715. No. 8746. Originally from Safalar, Elazig.
- 173716 to 173720. *LENS CULINARIS* Medic. Fabaceae. **Lentil.**
173716. No. 7213. *Sultani*. Pasinler, Erzurum. Aug. 7. Originally from Mindivan, Erzurum.
173717. No. 7937. Director of Agriculture, Siirt. Siirt.
173718. No. 7950. Acimanuk, Mus. Aug. 31. Red type.
173719. No. 7963. Director of Agriculture, Mus, Mus.
173720. No. 8596. Seed dealer, Malatya, Malatya. Sept. 14. Red type.
- 173721 to 173723. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**
173721. No. 7251. Usari Mecingert, Sarikamis, Kars. Aug. 8. In black soil; altitude 1,650 feet.
173722. No. 7332. Buyukzaim, Kars. Aug. 11.
173723. No. 8644. Seed dealer, Malatya, Malatya. Sept. 14.
173724. *BROMUS JAPONICUS* Thunb. Poaceae.  
 No. 8468. Grain market, Gaziantep, Gaziantep. Sept. 10. Originally imported.
- 173725 and 173726. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
173725. No. 7868. Governor's garden in Hakari, Hakari. Aug. 25.
173726. No. 7972. Director of Agriculture, Mus, Mus. Aug. 31.
173727. *MEDICAGO HISPIDA* Gaertn. Fabaceae. **Burclover.**  
 No. 7928. Malabado, Baykan, Siirt. Aug. 29. Dry rocky slope.
- 173728 to 173738. *MEDICAGO SATIVA* L. **Alfalfa.**
173728. No. 7120. Bayburt, Gumusane. Aug. 5.
173729. No. 7200. Askale, Erzurum. Aug. 6. Roadside in heavy soil; altitude 1,600 feet.
173730. No. 7224. Nebihani, Erzurum. Growing in barley field in valley bottom; altitude 2,000 feet.
173731. No. 7281. Ayar, Kars. Aug. 9. In rich, black soil of rolling hills in broad valley; altitude 1,800 feet.
173732. No. 7823. Twenty miles south of Golpinar, Van. Aug. 24.
173733. No. 7827. Twenty miles south of Golpinar, Van. Aug. 24.
173734. No. 7832. Golpinar, Van.
173735. No. 7837. Cami Alakonu, Hakari. Aug. 25. Growing along irrigation ditch in closed mountain valley; altitude 2,000 feet.
173736. No. 7917. Etenon, Gevas, Van. Aug. 28. Cultivated type.
173737. No. 7956. Acimanuk, Mus. Aug. 31. Cultivated type.
173738. No. 8657. Seed dealer, Malatya, Malatya. Sept. 14. Local type.
173739. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. **Yellow sweetclover.**  
 No. 7231. Roadside near Erzurum Tohum Istasyonu, Erzurum. Aug. 7.
- 173740 and 173741. *MELILOTUS ALBA* Desr. **White sweetclover.**
173740. No. 7833. Suman, Hakari. Aug. 25. Growing along irrigation ditch; altitude 2,200 feet.
173741. No. 7853. Closed mountain valley above Hakari and below Asagi Kanonos; altitude 2,100 feet.

## 173614 to 173831—Continued

173742. and 173743. *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**  
 173742. No. 7914. Gevas, Van. Aug. 28. A variety grown from seeds but few fruits available; fruits small, juicy, and sweet.  
 173743. No. 8678. Fruit Nursery Station, Malatya, Malatya. Sept. 14. Originally from Kastamonu, Kastamonu.
173744. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**  
 No. 7971. Director of Agriculture, Mus, Mus. Aug. 31.
173745. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 7205. Pasinler, Erzurum. Aug. 7.
173746. *OCIMUM BASILICUM* L. Menthaceae. **Basil.**  
 No. 8628. *Reyhan*. Seedsman, Malatya, Malatya. Sept. 14.
173747. *ONOBRYCHIS* sp. Fabaceae.  
 No. 7828-A. Near top of Karadag Pass, Van. Aug. 24. On steep slope; altitude 3,400 feet.
- 173748 to 173755. *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
 173748. No. 7843. *Dari*. Mountain valley near Kalilan, Hakari. Aug. 25. Altitude 2,200 feet.  
 173749. No. 7922. *Kirmizi Dari*. Kindranis, Tatvan, Bitlis. Aug. 28.  
 173750. No. 7925. Kanagder, Bitlis.  
 173751. No. 7955. Acimanuk, Mus.  
 173752. No. 7958. Ciris, Mus. Aug. 21.  
 173753. No. 7997. Sarge, Bingol. Sept. 1.  
 173754. No. 8590. Grain market, Malatya, Malatya. Sept. 14.  
 173755. No. 8645. Malatya, Malatya. Yellow type.
173756. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
 No. 8592. Seedsman, Malatya, Malatya. Sept. 14.
- 173757 to 173759. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**  
 173757. No. 7119. Bayburt, Gumusane. Aug. 5.  
 173758. No. 7872. Governor's garden, Hakari, Hakari. Aug. 25.  
 173759. No. 8624. Seedsman, Malatya, Malatya. Sept. 14.
173760. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**  
 No. 8744. Director of Agriculture, Elazig, Elazig. Sept. 15. Originally from Safalar, Elazig.
- 173761 to 173768. *PHASEOLUS VULGARIS* L. **Common bean.**  
 173761. No. 7862. Governor's garden in Hakari, Hakari. Aug. 25.  
 173762. No. 7869. *Cali*. Governor's garden in Hakari, Hakari. Aug. 25.  
 173763. No. 7980. Director of Agriculture, Mus, Mus. Aug. 31.  
 173764. No. 8589. Seed dealer, Malatya, Malatya. Sept. 14. Originally from Elbistan, Maras.  
 173765. No. 8598. Malatya, Malatya. Local type.  
 173766. No. 8629. *Guz*. Seedsman, Malatya, Malatya.  
 173767. No. 8633. Malatya, Malatya. Yellow type.  
 173768. No. 8692. *Kuru*. Aksaray, Nidge. Sept. 15.
- 173769 to 173776. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**  
 173769. No. 7401. Director of Agriculture, Artvin, Coruh. Aug. 15. Sweet type.

**173614 to 173831—Continued****173769 to 173776—Continued**

173770. No. 7526. Seed dealer, Igdir, Kars. Aug. 18. Sweet type.  
 173771. No. 7528. Seed dealer, Igdir, Aug. 18. Sweet type.  
 173772. No. 7540. Seed dealer, Igdir.  
 173773 and 173774. Seedsman, Karakose, Agri. Aug. 20. Originally from Kayseri, Kayseri.  
 173773. No. 7658.  
 173774. No. 7661.

173775. No. 7964. *Dolmalik*. Director of Agriculture, Mus, Mus. Aug. 31.  
 173776. No. 8668. Seedsman, Malatya, Malatya. Sept. 14. Long type.

**173777. PISTACIA VERA L. Anacardiaceae. Pistachio.**

- No. 7944. Forest Director, Siirt, Siirt. Aug. 30.

**173778 to 173780. PISUM SATIVUM L. Fabaceae. Pea.**

173778. No. 7969. Director of Agriculture, Mus, Mus. Aug. 31.  
 173779. No. 7864. Governor's garden, Hakari, Hakari. Mixed sample.  
 173780. No. 8647. *Gemeklik*. Seedsman, Malatya, Malatya. Sept. 14.

**173781 and 173782. PORTULACA OLERACEA L. Portulacaceae. Purslane.**

173781. No. 7968. Collected by assistant to Director of Agriculture in Mus. Aug. 31.  
 173782. No. 8662. Seedsman, Malatya, Malatya. Sept. 14.

**173783. PROSOPIS STEPHANIANA (Bieb.) Kunth. Fabaceae.**

- No. 7927. Malabado, Baykan, Siirt. Aug. 29. Thorny shrub with inflated pithy pods.

**173784. PRUNUS DOMESTICA L. Rosaceae. Common plum.**

- No. 7967. *Murdun*. Director of Agriculture, Mus, Mus. Aug. 31. Grown from seed.

**173785 to 173787. PRUNUS ARMENIACA L. Apricot.**

173785. No. 7983. Director of Agriculture, Mus, Mus. Aug. 31. Grafted variety.  
 173786. No. 8002. Yenikoy, Karakocan, Elazig. Sept. 1. Grown from seeds.  
 173787. No. 8683. Malatya Tree Nursery, Malatya, Malatya.

**173788. PRUNUS DOMESTICA L. Common plum.**

- No. 7965. *Tamun*. Director of Agriculture, Mus, Mus. Aug. 31. Grown from seeds.

**173789. PRUNUS sp.**

- Malatya Tree Nursery, Malatya, Malatya. Sept. 14. Growing wild.

**173790 to 173793. RAPHANUS SATIVUS L. Brassicaceae. Radish.**

173790. No. 7985. Director of Agriculture, Mus, Mus. Aug. 31.  
 173791. No. 7987. Director of Agriculture, Mus, Mus. Aug. 31.  
 173792. No. 8631. Seedsman, Malatya, Malatya. Sept. 14. White type.  
 173793. No. 8636. Malatya, Malatya. Red type.

**173794 and 173795. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

173794. No. 8659. Seed dealer, Malatya, Malatya. Sept. 14.  
 173795. No. 8750. Director of Agriculture, Elazig, Elazig. Sept. 15. Originally from Safalar, Elazig.

## 173614 to 173831—Continued

173796. *RUBUS* sp. Rosaceae.

No. 7860. Hakari, Hakari. Altitude 2,200 feet. Aug. 25. Along stream in village of Merzan, Hakari.

173797. *RUMEX* sp. Polygonaceae.

No. 7098. Five km. east of Gumusane, Gumusane.

173798. *RUMEX* sp.

No. 7292. *Evelik*. Dere Ici, Kars. Aug. 10. Growing in mountain field. Altitude 1,750 feet.

173799. *RUMEX* sp.

No. 7829. South side of Karadag Pass, Hakari. Aug. 24. Altitude 3,400 feet.

173800. *RUMEX* sp.

No. 7907. Along roadside on east side of Kepir mountain pass, Baskale, Van. Aug. 27. Altitude 2,500 feet.

173801 to 173806. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**

173801. No. 7840. *Hace*. Kalilan, Hakari. Aug. 25.

173802. No. 7842. Kalilan, Hakari. Growing at edge of field. Altitude 2,200 feet.

173803. No. 7844. *Erzen*. Kalilan, Hakari.

173804. No. 7915. Five miles west of Gevas, Van. Aug. 28.

173805. No. 7947. Berhande, Bitlis. Aug. 30.

173806. No. 7957. Ciris, Mus. Aug. 31.

173807. *SOLANUM MELONGENA* L. Solanaceae.

**Eggplant.**

No. 8654. Seedsman, Malatya, Malatya. Sept. 14.

173808. *SORGHUM VULGARE* Pers. Poaceae.

No. 7934. *Gilgil*. Director of Agriculture, Siirt, Siirt. Aug. 29.

173809. *SPINACIA OLERACEA* L. Chenopodiaceae.

**Spinach.**

No. 8605. Seedsman, Malatya, Malatya. Sept. 14.

173810. *STIPA* sp. Poaceae.

No. 7249. Asagi Mecingert, Sarikamis, Kars. Aug. 8. On rocky hillside at 1,600 feet altitude.

173811. *STIPA* sp.

No. 7900. Thirty-two miles east of Van, Van. Aug. 27. On dry rocky slope at 2,100 feet altitude.

173812. *SITANION HYSTRIX* (Nutt.) J. G. Smith. Poaceae.

No. 7887. Ashin, Van. Aug. 26. Altitude 2,700 feet.

173813. *TRIFOLIUM PRATENSE* L. Fabaceae.

**Red clover.**

No. 7908. East side of Kepir mountain pass, Baskale, Van. Aug. 27. Growing along irrigation ditch; altitude 2,500 feet.

173814. *TRIFOLIUM* sp.

**Clover.**

No. 7146. Varinca, near Bayburt plain, Gumusane. Aug. 5. Prostrate growth from overgrazing.

173815. *TRIFOLIUM* sp.

No. 7270. Zek, Sarikamis, Kars. Aug. 8. Grass meadow on mountainside. Altitude 1,900 feet.

173816. *TRIFOLIUM* sp.

No. 7835. Suman, Hakari. Aug. 25. Growing along irrigation ditch in village; altitude 2,200 feet.

**173614 to 173831—Continued**

173817. *TRIFOLIUM CAMPESTRE* Schreb.

No. 7946. Three miles west of Siirt, Siirt. Aug. 30.

173818. *TRIFOLIUM XEROCEPHALUM* Fenzl.

No. 7998. Karakocan Deresi, Elazig. Sept. 1. Growing in hot dry lava bed; little soil.

173819 and 173820. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**

173819. No. 8221. Seed dealer, Urfa, Urfa. Sept. 8.

173820. No. 8599. Seed dealer, Malatya, Malatya. Sept. 14.

173821 and 173822. *VICIA ERVILIA* (L.) Willd. Fabaceae.

**Vetch.**

173821. No. 7243. Horasan, Erzurum. Aug. 8. Cultivated type.

173822. No. 7931. Director of Agriculture, Siirt, Siirt. Aug. 29.

173823. *VICIA FABA* L.

**Broadbean.**

No. 7867. Governor's garden, Hakari, Hakari. Aug. 25.

173824. *VICIA SATIVA* L.

**Common vetch.**

No. 8610. Seed dealer, Malatya, Malatya. Sept. 14.

173825. *VICIA* sp.

**Vetch.**

No. 7263. Zek, Sarikamis, Kars. Aug. 8. (Karagol.) Growing at 1,800 feet altitude.

173826. *VICIA* sp.

**Vetch.**

No. 7828. Near top of Karadag Pass, Hakari. Aug. 24. Altitude 3,400 feet.

173827. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

**Cowpea.**

No. 8694. Director of Agriculture, Elazig, Elazig. Sept. 15. Originally from Aksaray Makallesi, Elazig.

173828 to 173831. *ZEA MAYS* L. Poaceae.

**Corn.**

173828. No. 7861. Governor's garden, Hakari, Hakari. Aug. 25.

173829. No. 7989. Director of Agriculture, Mus, Mus. Aug. 31.

173830. No. 8619. Seed dealer, Malatya, Malatya. Sept. 14. Popcorn.

173831. No. 8670. Seed dealer, Malatya, Malatya. Sept. 14. Yellow.

**173832 to 173976.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 8, 1949.

Collected in 1948; from India unless otherwise indicated.

173832 to 173845. From the United Provinces.

173832 and 173833. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

**Okra.**

173832. No. 9757. *Bhindi*. Bareilly. Aug. 20.

173833. No. 9899. *Bhindi*. Dehra Dun. Aug. 29.

173834 to 173836. *ALLIUM CEPA* L. Liliaceae.

**Onion.**

173834. No. 9740. *Pujaz*. Almora. Aug. 12. Altitude 7,000 feet. Bulb red, flat, tender, and sweet.

173835. No. 9754. *Pujaz*. Bareilly. Aug. 19. Bulb red, globose.

173836. No. 9783. *Pujaz*. Kashipur. Aug. 22. Bulb red, semi-globose.

173837. *AMARANTHUS GANGETICUS* L. Amaranthaceae. **Ganges amaranth.**

No. 9776. *Chulai*. Bareilly. Aug. 20. Potherb.

## 173832 to 173976—Continued

## 173832 to 173845—Continued

173838. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.  
No. 9882. *Mungpali*. Dehra Dun. Aug. 28.
173839. *BENINCASA HISPIDA* (Thunb.) Cogn. Cucurbitaceae. Waxgourd.  
No. 9766. *Pehla*. Bareilly. Aug. 20.
173840. *PISUM STAIVUM* L. Fabaceae. Pea.  
No. 9762. *Matar*. Bareilly. Aug. 20.
- 173841 to 173844. *BETA VULGARIS* L. Chenopodiaceae. Beet.  
173841. No. 9770. *Palag*. Bareilly. Aug. 20. Potherb.  
173842. No. 9773. *Choghundar*. Bareilly.  
173843. No. 9857. *Pilak*. Dehra Dun. Aug. 26. Potherb.  
173844. No. 9893. *Choghundar*. Dehra Dun. Aug. 29.
173845. *BRASSICA OLERACEA* VAR. *BOTRYTIS* L. Brassicaceae. Cauliflower.  
No. 9889. *Phulgobi*. Dehra Dun. Aug. 28.
- 173846 to 173853. *BRASSICA CAMPESTRIS* VAR. *SARSON* Prain. Sarson.  
173846 to 173849. From United Provinces.  
173846. No. 9735-A. Almora, Aug. 12. Altitude 7,000 feet.  
173847. No. 9751. Bareilly. Aug. 20.  
173848. No. 9781. Kashipur. Aug. 22.  
173849. No. 9791. Dehra Dun. Aug. 24.
173850. No. 9815. Bombay. Aug. 20.  
173851. No. 9832. Bombay. Aug. 22.  
173852. No. 9838. Delhi. Aug. 25.  
173853. No. 9852. Delhi.
- 173854 to 173858. From the United Provinces.  
173854. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Cabbage.  
No. 9901. *Bandgobi*. Dehra Dun. Aug. 29.
- 173855 to 173857. *BRASSICA JUNCEA* (L.) COSS. Chinese mustard.  
173855. No. 9748. *Rai*. Haldwani. Aug. 19. Altitude 1,500 feet. Oil-seed.  
173856. No. 9749. Haldwani.  
173857. No. 9750. *Rai*. Bareilly. Aug. 21.
173858. *BRASSICA OLERACEA* VAR. *GONGYLODES* L. Kohlrabi.  
No. 9756. Bareilly. Aug. 19.
- 173859 to 173861. *BRASSICA JUNCEA* (L.) COSS. Chinese mustard.  
173859. No. 9784. *Rai*. Kashipur, United Provinces. Aug. 10.  
173860. No. 9839. *Rai*. Delhi. Aug. 25.  
173861. No. 9854. *Rai*. Delhi.
- 173862 to 173868. From the United Provinces.  
173862 and 173863. *BRASSICA RAPA* L. Turnip.  
173862. No. 9888. *Shelgham*. Dehra Dun. Aug. 28. White.  
173863. No. 9897. *Shelgham*. Dehra Dun. Yellow.
173864. *BRASSICA CAMPESTRIS* L.  
No. 9571-A. *Sarson*. Originally from Sonsera, Nepal. Aug. 26. Altitude 7,000 feet. Oilseed.

## 173832 to 173976—Continued

## 173862 to 173868—Continued

173865. *BRASSICA* sp.No. 9733-A. *Lai*. Almora. Aug. 12. Altitude 7,000 feet. Oilseed.173866. *BRASSICA* sp.

No. 9736-A. Almora.

173867. *BRASSICA* sp.No. 9760. *Phulgobi*. Bareilly. Aug. 20.173868. *BRASSICA CAMPESTRIS* L.No. 9785. *Lai*. Kashipur. Aug. 20. Oilseed.

## 173869 to 173873. From Bombay. Aug. 20 to 22.

173869. *BRASSICA NIGRA* (L.) Koch.

Black mustard.

No. 9821. *Sarson*.173870 to 173872. *BRASSICA JUNCEA* (L.) COSS.

Chinese mustard.

173870. No. 9818. *Sarson*.173871. No. 9833. *Rai*.173872. No. 9834. *Rai*.173873. *BRASSICA* sp.

No. 9837.

173874. *BRASSICA* sp.

No. 9855. Delhi. Aug. 25.

173875. *BRASSICA* sp.No. 9859. *Tara Mira*. Dehra Dun, United Provinces. Aug. 26.173876 to 173880. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

From the United Provinces.

173876. No. 9884. *Mirch*. Dehra Dun. Aug. 28. Fruit red, 5 to 6 inches by 1½ inches, slightly tapered.173877. No. 9885. *Mirch*. Dehra Dun. Fruit red, 1½ by ⅞ inches, slightly tapered, mild.173878. No. 9763. *Mirch*. Bareilly, Aug. 20.173879. No. 9900. *Mirch*. Dehra Dun. Aug. 20. Bullnosed type.173880. No. 9886. *Mirch*. Dehra Dun. Aug. 28. Fruit yellow to orange red, 2½ by ½ inches, tapered, mild to hot.173881 to 173885. *CARTHAMUS TINCTORIUS* L. Asteraceae.

Safflower.

173881. No. 9853. *Karar*. Delhi. Aug. 25.173882. No. 9822. *Karandi*. Bombay. Aug. 22.173883. No. 9840. *Karar*. Delhi.173884. No. 9828. *Karandi*. Bombay.173885. No. 9826. *Karandi*. Bombay.

173886 to 173906. From the United Provinces.

173886 and 173887. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

173886. No. 9795. *Cholla*. Dehra Dun. Aug. 24.173887. No. 9903. *Channa*. Dehra Dun. Aug. 30.173888. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 9753. *Tarbuza*. Bareilly. Aug. 20.

## 173832 to 173976—Continued

## 173886 to 173906—Continued

173889. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.  
No. 9856. *Hanzil*.
173890. *CUCUMIS MELO* L. Muskmelon.  
No. 9863. *Kharbuza*. Dehra Dun. Aug. 27.
- 173891 to 173893. *CUCUMIS SATIVUS* L. Cucumber.
173891. No. 9761. *Kakri*. Bareilly. Aug. 20. Fruit russet, 12 by 3 inches.
173892. No. 9779. *Khira*. Bareilly.
173893. No. 9902. *Kakri*. Dehra Dun. Aug. 29. Fruit elongate and russet.
- 173894 and 173895. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.  
173894. No. 9898. *Kadu*. Dehra Dun. Aug. 29.  
173895. No. 9758. *Kadu*. Bareilly. Aug. 20.
173896. *CROTON TIGLIUM* L. Euphorbiaceae. Croton-oil plant.  
No. 9904. *Jamal Ghata*. Dehra Dun. Aug. 30.
173897. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.  
No. 9869. *Gawar*. Dehra Dun. Aug. 28.
173898. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
No. 9862. *Gajar*. Dehra Dun. Aug. 27.
- 173899 to 173901. *DOLICHOS BIFLORUS* L. Fabaceae.
173899. No. 9796. *Kollung*. Dehra Dun. Aug. 24.
173900. No. 9873. *Kolt*. Dehra Dun. Aug. 24.
173901. No. 9874. *Kolt*. Dehra Dun. Aug. 24.
173902. *ERUCA SATIVA* Mill. Brassicaceae. Rocket-salad.  
No. 9788. *Tara*. Kashipur. Aug. 22.
- 173903 and 173904. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae. Buckwheat.  
173903. No. 9628-A. *Balti*. Sirtang, Kumaon. Aug. 27.  
173904. No. 9790. *Ogal*. Dehra Dun. Aug. 24.
173905. *FAGOPYRUM TATARICUM* (L.) Gaertn. Kangra buckwheat.  
No. 9496-A. *Brey*. Marcha, Kumaon. Aug. 10. Altitude 10,000 feet.
173906. *HORDEUM DISTICHON* L. Poaceae. Barley.  
No. 9594. *Oowa*. Rafla, Nepal. July 26. Altitude 8,000 feet.
- 173907 to 173909. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
173907. No. 9745. Almora, Kumaon, United Provinces. Aug. 14. Altitude 7,000 feet.
173908. No. 9887. *Kahu*. Dehra Dun, United Provinces. Aug. 28.
173909. No. 9845. *Kahu*. Delhi. Aug. 25.
- 173910 to 173916. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
Known in this area as *alsi*.
173910. No. 9738. Almora, United Provinces. Aug. 12. Altitude 7,000 feet.
173911. No. 9747. Haldwani, United Provinces. Aug. 19. Altitude 1,500 feet.
173912. No. 9782. Kashipur, United Provinces. Aug. 22.
173913. No. 9819. Bombay. Aug. 22.



## 173832 to 173976—Continued

## 173910 to 173916—Continued

173914. No. 9820. Bombay.

173915. No. 9827. Bombay.

173916. No. 9849. Delhi. Aug. 25.

173917. *LENS CULINARIS* Medic. Fabaceae.

Lentil.

No. 9809. *Masur*. Dehra Dun, United Provinces. Aug. 25.173918. *LEPIDIUM SATIVUM* L. Brassicaceae.

Garden cress.

No. 9768. *Halam*. Bareilly, United Provinces. Aug. 20.173919. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae.

Suakwa towelgourd.

No. 9765. *Toriya*. Bareilly, United Provinces. Aug. 20.173920. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 9764. *Tomatter*. Bareilly, United Provinces. Aug. 20. Fruit flat, red.173921 and 173922. *NIGELLA SATIVA* L. Ranunculaceae.

Black cumin.

173921. No. 9829. *Kolanji*. Bombay. Aug. 22. Source of hair oil.173922. No. 9844. *Karonji*. Delhi. Aug. 25. Used to spice pickles.173923. *ORYZA SATIVA* L. Poaceae.

Rice.

No. 9905. *Basmati*. Dehra Dun, United Provinces. Aug. 30.173924 to 173927. *PAPAVER SOMNIFERUM* L. Papaveraceae.

Opium poppy.

Known in these places as *kashkash*.

173924. No. 9816. Bombay. Aug. 20.

173925. No. 9831. Bombay.

173926. No. 9847. Delhi. Aug. 25. Used as culinary oil.

173927. No. 9848. Delhi.

173928. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

No. 9813. *Bajra*. Dehra Dun, United Provinces. Aug. 25.173929. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 9545. *Koshi*. Jipti, Kumaon, United Provinces. June 23. Altitude 8,000 feet.

173930 to 173940. From Dehra Dun, United Provinces. Aug. 24 to 28.

173930. *PISUM SATIVUM* L.

Pea.

No. 9793. *Matar*.173931. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae.

Moth bean.

No. 9871. *Muti*.173932. *PHASEOLUS AUREUS* Roxb.

Mung bean.

No. 9799. *Mung*.173933. *PHASEOLUS CALCARATUS* Roxb.

Rice bean.

No. 9811. *Oorat*.173934 and 173935. *PHASEOLUS MUNGO* L.

Urd.

173934. No. 9802. *Mash*.173935. No. 9880. *Mash*.173936 to 173940. *PHASEOLUS VULGARIS* L.

Common bean.

173936. No. 9792. *Muti*.173937. No. 9794. *Muti*.173938. No. 9876. *Sem*. Aug. 28.

## 173832 to 173976—Continued

## 173930 to 173940—Continued

## 173936 to 173940—Continued

173939. No. 9877. *Sem.* Dehra Dun. Aug. 28.173940. No. 9879. *Sem.* Dehra Dun.

## 173941 to 173945. From the United Provinces.

173941. *PLANTAGO PSYLLIUM* L. Plantaginaceae. **Plaintain.**No. 9860. *Isaphgol.* Dehra Dun. Aug. 26.173942. *PLANTAGO* sp.

No. 9861. Dehra Dun.

173943 to 173945. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**173943. No. 9737-A. *Muli.* Almora. Aug. 12. Altitude 7,000 feet. Long, white radish.173944. No. 9896. *Muli.* Dehra Dun. Aug. 29. Long, white, red-purple topped.173945. No. 9778. *Muli.* Bareilly. Aug. 20.173946 to 173950. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**Known in this area as *errand*.

173946. No. 9814. Bombay. Aug. 22.

173947. No. 9824. Bombay. Aug. 22.

173948. No. 9841. Delhi. Aug. 25.

173949. No. 9850. Delhi. Aug. 25.

173950. No. 9858. Dehra Dun, United Provinces. Aug. 26.

173951 to 173966. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

173951. No. 9734-A. Almora, United Provinces. Aug. 12. Altitude 7,000 feet.

173952. No. 9739. Almora, United Provinces. Aug. 12.

173953. No. 9746. Haldwani, United Provinces. Aug. 19. Altitude 1,500 feet.

173954. No. 9752. Bareilly, United Provinces. Aug. 20.

173955. No. 9769. Delhi. Aug. 25.

173956. No. 9780. Kashipur, United Provinces. Aug. 22.

173957. No. 9797. Dehra Dun, United Provinces. Aug. 24.

173958 to 173962. From markets, Bombay, Bombay. Aug. 20 to 22.

173958. No. 9817.

173961. No. 9830.

173959. No. 9823.

173962. No. 9835.

173960. No. 9825.

173963 to 173966. From markets, Delhi, Delhi. Aug. 25.

173963. No. 9842.

173965. No. 9846.

173964. No. 9843.

173966. No. 9851.

## 173967 to 173976. From the United Provinces.

173967 and 173968. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**173967. No. 9894. *Bengan.* Dehra Dun. Aug. 29. Long purple type.173968. No. 9895. *Bengan.* Dehra Dun. Round type.173969. *SOLANUM* sp.

No. 9379-A. Bageswar, Garhwal. June 1. Altitude 4,000 feet. Bush 3 feet tall; fruits yellow, 1½ inches in diameter.

**173832 to 173976—Continued****173967 to 173976—Continued**173970 and 173971. *SORGHUM VULGARE* Pers. Poaceae.173970. No. 9810. *Churi*. Dehra Dun. Aug. 25.173971. No. 9878. *Jawar*. Dehra Dun. Aug. 25.173972. *SPINACIA OLERACEA* L. Chenopodiaceae.

Spinach.

No. 9890. *Palak*. Dehra Dun. Aug. 28.173973. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

No. 9759. *Mehti*. Bareilly. Aug. 20.173974. *TRIFOLIUM RESUPINATUM* L. Fabaceae.

Persian clover.

No. 9891. *Shaftal*; *Rishka*. Dehra Dun. Aug. 29.173975 and 173976. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

173975. No. 9789. Dehra Dun. Aug. 24.

173976. No. 9883. *Lobia*. Dehra Dun. Aug. 28.**173977. KERSTINGIELLA GEOCARPA** Harms. Fabaceae. **Kandela-bean.**From the Gold Coast. Seeds presented by the Director of Agriculture, Accra.  
Received Jan. 19, 1949.**173978 to 173987. MALUS SYLVESTRIS** Mill. Malaceae.**Apple.**From France. Scions presented by the Ministry of Agriculture, Pont-de-la-Maye.  
Received Jan. 27, 1949.173978. *American Forestier*.173983. *Metais*.173979. *Domaine*.173984. *Monier*.173980. *Feuillard*.173985. *Muscadet de Lense*.173981. *Gros Bois*.173986. *Noel Deschamps*.173982. *Marin Onfroy*.173987. *Peau De Vache*.**173988. MALUS** sp. Malaceae.From Turkey. Seeds presented by Dr. Vamik Taysi, Ankara. Received Jan. 9,  
1949. Collected in Kayseri Province.**173989 and 173990. LESPEDEZA CUNEATA** (Dum.-Cours.) G. Don.  
Fabaceae.From China. Seeds presented by T. C. Chin, University of Nanking, Nanking.  
Received Feb. 3, 1949.

173989. No. 1.

173990. No. 2.

**173991 to 173993. FRAGARIA.** Rosaceae.**Strawberry.**From Denmark. Plants presented by the Forsogsstation, Blangstedgard. Re-  
ceived Feb. 9, 1949.173991. *Spangsbjerg Freja*.173992. *Spangsbjerg Rubin*.173993. *Spangsbjerg Ydun*.**173994 and 173995. GLYCINE MAX** (L.) Merr. Fabaceae. **Soybean.**From Korea. Seeds collected by Dr. Ray Culbertson, N. R. S., Agricultural Divi-  
sion, S. C. A. P., Seoul. Received Feb. 3, 1949.173994. *Choug Puk Paik*.173995. *Choug Tan Paik*.

**173996. ORYZA SATIVA L. Poaceae.****Rice.**

From Cuba. Seeds presented by Bonzalez y Hno, Havana. Received Feb. 7, 1949.

*Cuban.*

**173997 to 173999.**

From Greece. Seeds presented by Grover Kinsey, Kalavrita. Received Feb. 11, 1949.

**173997. HORDEUM sp. Poaceae.**

**173998. LENS CULINARIS Medic. Fabaceae.**

**Lentil.**

**173999. MEDICAGO SATIVA L. Fabaceae.**

**Alfalfa.****174000 to 174419.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 9, 1949.

Collected in 1948.

**17400 to 174008. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.**

**174000.** No. 7731. Seed dealer, Ercis, Van. Aug. 21.

**174001.** No. 8062. Market, Diyarbakir, Diyarbakir. Sept. 4. Local type

**174002.** No. 8108. Seed dealer, Mardin, Mardin. Sept. 6.

**174003.** No. 8130. Seed dealer, Mardin, Mardin. Sept. 6.

**174004.** No. 8321. Seed dealer, Suruc, Urfa. Sept. 9.

**174005.** No. 8358. Seedsman, Birecik, Urfa. Sept. 9.

**174006.** No. 8404. Seed dealer, Gaziantep, Gaziantep. Sept. 10.

**174007.** No. 8447. Seed dealer, Gaziantep, Gaziantep. Sept. 10.

**174008.** No. 8651. *Sultane*. Seed dealer, Malatya, Malatya. Sept. 14.

**174009. ABIES sp. Pinaceae.**

**Fir.**

No. 7448. Karanlikmese, Tutunli, Coruh. Aug. 15. Tree tall, slender, with dark-green foliage; called "weeping fir."

**174010. AEGILOPS LIGUSTICA (Sav.) Coss. Poaceae.**

No. 8090. Along Tigris River opposite city of Diyarbakir, Diyarbakir. Sept. 4. Edge of wheat field in light soil.

**174011. AGROPYRON INTERMEDIUM (Host) Beauv. Poaceae.**

No. 7669. Hamor, Karakose, Agri. Aug. 21.

**174012. AGROPYRON REPENS (L.) Beauv.**

**Quackgrass.**

No. 7677. Canyon bottom 20 miles south of Karakose, Agri.

**174013. ALBIZZIA JULIBRISSIN Durazz. Mimosaceae.**

**Silktree.**

No. 8036. Director of Tree Nursery in Elazig, Elazig. Sept. 2. Thorny ornamental hedge.

**174014 to 174025. ALLIUM CEPA L. Liliaceae.**

**Onion.**

**174014.** No. 7704. Seed dealer, Ercis, Van. Aug. 21. Dark-colored type.

**174015.** No. 7756. Seed dealer, Van, Van. Aug. 23. Dark-colored type.

**174016.** No. 8083. Market, Diyarbakir, Diyarbakir. Sept. 4.

**174017.** No. 8148. Dara, Mardin, Mardin. Sept. 6.

**174018.** No. 8200. Government farm, Ceylan Punari, Viransehir, Urfa. Sept. 7.

**174019.** No. 8239. Market, Urfa, Urfa. Sept. 8.

**174020.** No. 8362. Seed dealer, Birecik, Urfa. Sept. 9.

## 174000 to 174419—Continued

## 174014 to 174025—Continued

174021. No. 8389. Market, Nizip, Gaziantep. Sept. 9.  
 174022. No. 8426. Seed dealer, Gaziantep, Gaziantep.  
 174023. No. 8444. Seed dealer, Gaziantep, Gaziantep.  
 174024. No. 8656. Seedsman, Malatya, Malatya. Sept. 14.  
 174025. No. 8790. Seed dealer, Elazig, Elazig. Sept. 15.

174026 to 174030. *ALLIUM PORRUM* L.

Leek.

174026. No. 8080. Market, Diyarbakir, Diyarbakir. Sept. 4.  
 174027. No. 8243. Seed dealer, Urfa, Urfa. Sept. 8.  
 174028. No. 8467. Market, Gaziantep, Gaziantep. Sept. 10.  
 174029. No. 8799. Seed dealer, Elazig, Elazig. Sept. 15.  
 174030. No. 8803. Seed dealer, Elazig, Elazig. Sept. 15.

174031 and 174032. *ALLIUM SATIVUM* L.

Garlic.

174031. No. 8055. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.  
 174032. No. 8183. Mardin, Mardin. Sept. 6.

174033. *ALOPECURUS* sp. Poaceae.

No. 7821. Fifteen miles south of Golpinar, Van. Aug. 24. Steep mountain-side at 3,000 feet altitude.

174034. *AMMI COPTICUM* L. Apiaceae.

- No. 8351. *Nanihah*. Market, Birecik, Urfa. Sept. 9.

174035. *PRUNUS ARMENIACA* L. Rosaceae.

Apricot.

- No. 7581. Seed dealer, Igdır, Kars. Aug. 19.

174036 and 174037. *PRUNUS AMYGDALUS* Batsch.

Almond.

174036. No. 8679. Malatya, Malatya.  
 174037. No. 8682. Malatya, Malatya.

174038. *PRUNUS PERSICA* (L.) Batsch.

Peach.

No. 8684. Malatya Fruit Tree Station, Malatya, Malatya. Sept. 14. A grafted variety.

174039 to 174042. *BOTHRIUCHLOA INTERMEDIA* (R. Brown) A. Camus. Poaceae.

174039. No. 8012. Ten miles east of Elazig, Elazig. Sept. 1. Rocky soil near a spring.

174040. No. 8095. Korpınar, Mazidagi, Mardin. Sept. 5. Along irrigation ditch.

174041. No. 8097. Five miles south of Korpınar, Mardin.

174042. No. 8756. Mameki, Malatya. Sept. 14. Along irrigation ditch in mountain valley.

174043. *ANDROPOGON* sp. Poaceae.

- No. 8096. Five miles south of Korpınar, Mardin. Sept. 5.

174044 to 174050. *ANETHUM GRAVEOLENS* L. Apiaceae.

Dill.

174044. No. 7709. Seed dealer, Erçis, Van. Aug. 21.  
 174045. No. 7804. Seed dealer, Van, Van. Aug. 23.  
 174046. No. 8106. Seed dealer, Mardin Province. Sept. 6.  
 174047. No. 8180. Mardin, Mardin.  
 174048. No. 8470. Market, Gaziantep, Gaziantep. Sept. 10.  
 174049. No. 8595. Seed dealer, Malatya, Malatya. Sept. 13.  
 174050. No. 8802. Seed dealer, Elazig, Elazig. Sept. 15.

**174000 to 174419—Continued**

- 174051 to 174055.** *APIUM GRAVEOLENS* L. Apiaceae. **Celery.**  
 174051. No. 7765. Seed dealer, market, Van, Van. Aug. 23. Big-foot type.  
 174052. No. 8081. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.  
 174053. No. 8139. Seed dealer, Mardin, Mardin. Sept. 6.  
 174054. No. 8454. Gaziantep, Gaziantep. Originally from Tarsus, Icel.  
 174055. No. 8661. Seedsman, Malatya, Malatya. Sept. 14.
- 174056.** *ASPARAGUS* sp. Liliaceae.  
 No. 7673. Hamor, Karakose, Agri. Aug. 21. Wild on stream bank in canyon.
- 174057.** *BETA LOMATOGONA* Fisch. & Mey. Chenopodiaceae.  
 No. 7684. Gumusvan, Patnos, Agri. Aug. 21. Taken from pile of barley seed on village threshing floor.
- 174058 to 174063.** *BETA VULGARIS* L. **Beet.**  
 174058. No. 7764. Seed dealer, Van, Van. Aug. 21. Red type.  
 174059. No. 8078. Market, Diyarbakir, Diyarbakir. Sept. 4. Red type.  
 174060. No. 8296. Germus, Urfa. Sept. 8.  
 174061. No. 8360. Market, Birecik, Urfa.  
 174062. No. 8428. *Pazi*. Market, Gaziantep, Gaziantep. Sept. 10.  
 174063. No. 8760. *Kocabas*. Seed dealer, Elazig, Elazig. Sept. 15.
- 174064.** *BRACHYPODIUM* sp. Poaceae.  
 No. 7926. Kelmetre, Bitlis. Aug. 29. Near a spring in dry rocky mountains.
- 174065 to 174071.** *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae. **Cabbage.**  
 174065. No. 7713. Seed dealer, Ercis, Van. Aug. 21. White type.  
 174066. No. 7720. Seed dealer, Ercis, Van. Aug. 21. Large white head.  
 174067. No. 8141. Seed dealer, Mardin, Mardin. Sept. 6.  
 174068. No. 8403. Market, Gaziantep, Gaziantep. Sept. 10.  
 174069. No. 8423. Market, Gaziantep, Gaziantep. Sept. 10.  
 174070. No. 8638. Seed dealer, Malatya, Malatya. Sept. 14. Large head.  
 174071. No. 8804. Seed dealer, Elazig, Elazig. Sept. 15.
- 174072 to 174076.** *BRASSICA RAPA* L. **Turnip.**  
 174072. No. 7744. *Salgam*. Gardener, Yusufeli, Coruh. Aug. 22.  
 174073. No. 8063. Market, Diyarbakir, Diyarbakir. Sept. 4.  
 174074. No. 8134. Seed dealer, Mardin, Mardin. Sept. 6.  
 174075. No. 8443. Market, Gaziantep, Gaziantep. Sept. 10.  
 174076. No. 8788. Seed dealer, Elazig, Elazig. Sept. 15.
- 174077 to 174079.** *CANNABIS SATIVA* L. Moraceae. **Hemp.**  
 174077. No. 7787. Seed dealer, Van, Van. Aug. 23.  
 174078. No. 8337. Seed dealer, Birecik, Urfa. Sept. 9.  
 174079. No. 8445. Seed dealer, Gaziantep, Gaziantep. Sept. 10.
- 174080 and 174081.** *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**  
 174080. No. 7585. Seed dealer, Igdir, Kars. Aug. 19.  
 174081. No. 8410. Market, Gaziantep, Gaziantep. Sept. 10.

## 174000 to 174419—Continued

174082 to 174097. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

174082. No. 7584. Seed dealer, Igdir, Kars. Aug. 19.

174083. No. 8021. Village of Erzuruk, Elazig, Elazig. Sept. 2. Dark-colored type.

174084. No. 8023. Village of Erzuruk, Elazig, Elazig. Sept. 2. White type.

174085. No. 8041. *Sultani*. Market, Diyarbakir, Diyarbakir. Sept. 4. Originally from village of Serkali.174086. No. 8047. *Sera*. Market, Diyarbakir, Diyarbakir.174087. No. 8048. *Ikinci*. Diyarbakir, Diyarbakir.

174088. No. 8132. Seed dealer, Mardin, Mardin. Sept. 6.

174089. No. 8150. Dara, Mardin. White type.

174090. No. 8156. Dara, Mardin. Dark-colored type.

174091. No. 8185. Mardin, Mardin. Sept. 16.

174092. No. 8216. Market, Urfa, Urfa.

174093. No. 8342. Birecik, Urfa. Sept. 9.

174094. No. 8369. Market, Nizip, Gaziantep. Sept. 9.

174095. No. 8414. Gaziantep.

174096. No. 8707. Aksaray Makallesi, Elazig. Sept. 15. Dark-colored type.

174097. No. 8771. Market, Elazig, Elazig. Originally from Kezin, Sivrice, Elazig.

174098 to 174109. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

174098. No. 7737. Gardener, Yusufeli, Coruh. Aug. 22. Originally from Bitlis Province.

174099. No. 8018. Village of Erzuruk, Elazig. Sept. 2.

174100. No. 8040. Market, Diyarbakir, Diyarbakir. Sept. 4.

174101. No. 8157. *Mercan*. Dara, Mardin. Sept. 6. Small-seeded type.174102. No. 8158. *Hopanbey*. Dara, Mardin.174103. No. 8164. *Capli*. Dara, Mardin.

174104. No. 8301. Germus, Urfa. Sept. 8.

174105. No. 8405. Seed dealer, Gaziantep, Gaziantep. Sept. 10.

174106. No. 8433. *Kilis*. Seed dealer, Gaziantep, Gaziantep. Sept. 10.174107. No. 8652. *Alaca*. Seed dealer, Malatya, Malatya. Sept. 14.

174108. No. 8673. Malatya, Malatya. Mixed types.

174109. No. 8774. Seed dealer, Elazig, Elazig. Sept. 15.

174110 to 174127. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

174110. No. 7705. Seed dealer, Ercis, Van. Aug. 21. Pungent type.

174111. No. 7722. *Domalik*. Seed dealer, Ercis, Van. Aug. 21.

174112. No. 7790. Seed dealer, Van, Van. Aug. 23. Long type.

174113. No. 8067. Market, Diyarbakir, Diyarbakir. Sept. 4. Round type.

174114. No. 8082. Market, Diyarbakir, Diyarbakir. Sept. 4.

174115. No. 8086. Market, Diyarbakir, Diyarbakir. Sept. 4. Long type.

174116. No. 8131. Seed dealer, Mardin, Mardin. Sept. 6. Long tapering type.

174117. No. 8142. *Dolmalik*. Seed dealer, Mardin, Mardin. Sept. 6.

174118. No. 8247. Market, Urfa, Urfa. Sept. 8. Originally from Maras, Maras.

174119. No. 8260. Urfa, Urfa. Pungent type.

174120. No. 8314. Seed dealer, Suruc, Urfa. Sept. 9.

## 174000 to 174419—Continued

## 174110 to 174127—Continued

174121. No. 8318. Seed dealer, Suruc, Urfa. Sept. 9. Pungent type.  
 174122. No. 8319. Seed dealer, Suruc, Urfa. Sept. 9. Long type.  
 174123. No. 8395. Seed dealer, Nizip, Gaziantep. Sept. 9. Round type.  
 174124. No. 8464. Seed dealer, Gaziantep, Gaziantep. Sept. 10.  
 174125. No. 8663. *Dolmalik*. Seed dealer, Malatya, Malatya. Sept. 14.  
 174126. No. 8778. Seed dealer, Elazig, Elazig. Sept. 15. Tapering type.  
 174127. No. 8800. Seed dealer, Elazig, Elazig. Sept. 15. Pungent type.

174128 to 174131. *CORIANDRUM SATIVUM* L. Apiaceae.

Coriander.

174128. No. 7708. *Kisnis*. Seed dealer, Ercis, Van. Aug. 21.  
 174129. No. 7714. Seed dealer, Ercis, Van. Aug. 21.  
 174130. No. 7802. Seed dealer, Van, Van. Aug. 23.  
 174131. No. 8076. Market, Diyarbakir, Diyarbakir. Sept. 4.

174132. *CORYLUS AVELLANA* L. Betulaceae.

Filbert.

- No. 6988. Seedsman, Unye, Ordu. July 29.

174133 to 174158. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

- 174133 to 174138. From village of Melekli, Igdir, Kars. Aug. 19.

174133. No. 7587. *Sineyvoz*. Winter type. 174136. No. 7600. Local type.

174134. No. 7596. *Akkira*. White. 174137. No. 7601. *Salak*.

174135. No. 7599. *Salak*. 174138. No. 7602. *Salak*.

174139. No. 7663. *Tutma*. (Earth melon.) Igdir, Kars.

174140. No. 7747. Muradiye, Van. Aug. 22.

174141. No. 7769. Market, Van, Van.

174142. No. 8019. Village of Erzuruk, Elazig. Sept. 12.

174143. No. 8060. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Ornamental.

## 174144 to 174147. Mardin, Mardin.

174144. No. 8124. Seed dealer. Sept. 6.

174145. No. 8135. Seed dealer. Sept. 6.

174146. No. 8174. Winter type.

174147. No. 8186. Bitlis type.

174148. No. 8306. *Murakkas*. Germus, Urfa. Sept. 8.

174149. No. 8794. *Mallakoy*. Seed dealer, Elazig, Elazig. Sept. 15.

174150. No. 8346. Seed dealer, Birecik, Urfa. Sept. 9.

174151. No. 8385. *Dolmalik*. Market, Nizip, Gaziantep. Sept. 9.

174152. No. 8393. Market, Nizip, Gaziantep. Sept. 9.

174153. No. 8396. *Bal*. Market, Nizip, Gaziantep. Sept. 9.

174154. No. 8446. *Bal*. Seed dealer, Gaziantep, Gaziantep. Sept. 10.

174155. No. 8457. *Bal*. Seed dealer, Gaziantep. Sept. 10.

174156. No. 8637. *Kirkagac*. Seedsman, Malatya, Malatya. Sept. 14.

174157. No. 8639. *Semen*. Malatya.

174158. No. 8658. *Mallakoy*. Malatya.

174159 to 174177. *CUCUMIS SATIVUS* L.

Cucumber.

174159. No. 8317. Seed dealer, Suruc, Urfa. Sept. 9.



## 174000 to 174419—Continued

## 174159 to 174177—Continued

174160. No. 7589. Village of Melekli, Iğdir, Kars. Aug. 19.
174161. No. 7649. Seedsman, Karaköse, Ağrı. Originally from Kayseri, Kayseri. Aug. 20.
174162. No. 7793. Seedsman, Van, Van. Aug. 23. Originally from Diyarbakır, Diyarbakır. A primitive form.
174163. No. 7859. Merzan, Hakari. Aug. 25. Mountain valley at 2,200 feet altitude.
174164. No. 8088. Market, Diyarbakır, Diyarbakır. Sept. 4.
- 174165 to 174171. From Urfa Province.
174165. No. 8250. *Hiti*. Market, Urfa. Sept. 8.
174166. No. 8273. Germus.
174167. No. 8288. Germus.
174168. No. 8303. *Hiti*. Germus.
174169. No. 8313. *Hiti*. Seed dealer, Suruç. Sept. 9.
174171. No. 8352. *Hiti*. Seed dealer, Birecik.
174172. No. 8394. Seed dealer, Nizip, Gaziantep. Sept. 9.
174173. No. 8424. Market, Gaziantep, Gaziantep. Sept. 10. White type. Originally from Maras, Maras.
174174. No. 8436. *Kilis*. Market, Gaziantep, Gaziantep.
174175. No. 8453. *Dolmalik*. Gaziantep.
174176. No. 8461. *Hiti*. Gaziantep.
174177. No. 8640. *Malatya*. Seed dealer, Malatya, Malatya. Sept. 14.
174178. CUCURBITA PEPO VAR. OVIFERA (L.) Alef. Cucurbitaceae. Gourd.  
No. 7582. *Yumurta*. Seed dealer, Iğdir, Kars. Aug. 19.
- 174179 to 174190. CUCURBITA PEPO L. Pumpkin.
174179. No. 7590. *Yemeklik*. Village of Melekli, Iğdir, Kars. Aug. 19.
174180. No. 7718. *Sakiz*. Erçis, Van. Aug. 21.
174181. No. 8054. *Bal*. Seed dealer, Diyarbakır, Diyarbakır. Sept. 4.
174182. No. 8057. Seed dealer, Diyarbakır. Sept. 4.
174183. No. 8079. *Sakiz*. Seed dealer, Diyarbakır. Sept. 4.
174184. No. 8121. *Kestane*. Seed dealer, Mardin, Mardin. Sept. 6.
174185. No. 8211. *Dolma*. Market, Urfa, Urfa. Sept. 8. Small type.
174186. No. 8312. Market, Suruç, Urfa. Sept. 9.
174187. No. 8347. *Dolma*. Market, Birecik, Urfa.
174188. No. 8380. *Dolmalik*. Seed dealer, Nizip, Gaziantep. Sept. 9.
174189. No. 8416. *Girit*. Market, Gaziantep, Gaziantep.
174190. No. 8442. *Kosesefer*. Gaziantep.
174191. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.  
No. 8448. Gaziantep. Winter type.
- 174192 to 174195. CUCURBITA PEPO L. Pumpkin.
174192. No. 8460. *Sakiz*. Gaziantep.
174193. No. 8769. *Sakiz*. Seed dealer, Elazığ, Elazığ. Sept. 15.
174194. No. 8766. Mardin, Mardin.
174195. No. 8177. Mardin.

## 174000 to 174419—Continued

174196. *CUMINUM CYMINUM* L. Apiaceae. Cumin.  
No. 8785. *Kimyon*. Seed dealer, Elazig, Elazig. Sept. 15.
174197. *CYDONIA OBLONGA* Mill. Malaceae. Quince.  
No. 8677. Malatya Fruit Nursery Station. Sept. 14. Originally from Kastamonu.
174198. *CYNARA SCOLYMUS* L. Asteraceae. Artichoke.  
No. 8178. Mardin.
- 174199 to 174201. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.  
174199. No. 7670. Bottom of canyon, 15 miles south of Karakose near village of Hamor, Agri. Aug. 21.  
174200. No. 7681. Musik, Tutak, Agri. Aug. 21. Unpland plateau with black soil.  
174201. No. 7849. Asagi Kanonos, Hakari. Aug. 25.
- 174202 to 174208. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
174202. No. 8073. Market, Diyarbakir, Diyarbakir. Sept. 4.  
174203. No. 8099. Seed dealer, Mardin, Mardin. Sept. 6. Early type.  
174204. No. 8111. Seed dealer, Mardin. Sept. 6.  
174205. No. 8123. Seed dealer, Mardin. Sept. 6.  
174206. No. 8238. Market, Urfa, Urfa. Sept. 8.  
174207. No. 8386. Seed dealer, Nizip, Gaziantep.  
174208. No. 8791. Seed dealer, Elazig, Elazig. Sept. 15.
174209. *FESTUCA* sp. Poaceae.  
No. 7183. Along mountain stream near Moden, Gumusane. Aug. 6. Altitude 1,850 feet.
174210. *FESTUCA* sp.  
No. 7818. Nordos, Golpinar, Van. Aug. 24. Along mountain stream at 2,700 feet altitude.
- 174211 to 174214. *FOENICULUM VULGARE* Mill. Apiaceae. Fennel.  
174211. No. 8214. Market, Urfa, Urfa. Sept. 8.  
174212. No. 8308. Seed dealer, Suruc, Urfa. Sept. 9.  
174213. No. 8335. Birecik, Urfa.  
174214. No. 8421. Market, Gaziantep, Gaziantep. Sept. 10.
174215. *GOSSYPIUM*. Malvaceae. Cotton.  
No. 8167. *Sami*. Dara, Mardin.
- 174216 to 174220. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.  
174216. No. 8092. Diyarbakir Tree Nursery, Diyarbakir. Sept. 4.  
174217. No. 8149. Dara, Mardin. Sept. 6.  
174218. No. 8452. Market, Gaziantep, Gaziantep. Sept. 10.  
174219. No. 8473. Sivrice Hoyuk, Pazarcik, Maras. Sept. 10.  
174220. No. 8754. Safalar, Elizag. Sept. 15.
174221. *HIBISCUS SYRIACUS* L. Malvaceae. Shrub-althea.  
No. 8035. *Gulhatini*. Director of Tree Nursery, Elazig, Elazig. Sept. 2. Ornamental. Flowers blue and white.
174222. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. Common morning-glory.  
No. 8786. Seed dealer, Elazig, Elazig.

## 174000 to 174419—Continued

174223. *KOCHIA* sp. Chenopodiaceae.

No. 7805. Seed dealer, Van, Van. Aug. 23. Broom plant.

174224 to 174229. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

174224. No. 8065. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Local type.

174225. No. 8069. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.

174226. No. 8105. Seed dealer, Mardin, Mardin. Sept. 6. Curly-leaf type.

174227. No. 8620. Seed dealer, Malatya, Malatya. Sept. 14. Large type.

174228. No. 8787. Seed dealer, Elazig, Elazig. Sept. 15. Curly-leaf type.

174229. No. 8792. Seed dealer, Elazig, Elazig. Sept. 14.

174230 to 174233. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae.

Calabash gourd.

174230. No. 7796. *Su Kabagi*. Seed dealer, Van, Van. Aug. 23.174231. No. 8412. *Haylan*. Seed dealer, Gaziantep, Gaziantep. Sept. 10.174232. No. 8427. *Haylan*. Seed dealer, Gaziantep, Gaziantep. Sept. 10.

174233. No. 8782. Seed dealer, Elazig, Elazig. Sept. 15.

174234 and 174235. *LATHYRUS SATIVUS* L. Fabaceae.

Bittervetch.

174234. No. 8025. *Curbant*. Erzuruk, Elazig. Sept. 2.

174235. No. 8345. Market, Birecik, Urfa. Sept. 9.

174236. *LATHYRUS CICERA* L.

No. 8374. Market, Nizip, Gaziantep.

174237 to 174251. *LENS CULINARIS* Medic. Fabaceae.

Lentil.

174237. No. 7665. Karakose, Agri. Aug. 21.

174238. No. 7741. Muradiye, Van. Aug. 22.

174239. No. 7879. Governor's garden, Hakari, Hakari. Aug. 25.

174240. No. 8016. Village of Erzuruk, Elazig. Sept. 2.

174241. No. 8046. Diyarbakir, Diyarbakir. Sept. 4. Originally from Cilin, Bismil, Diyarbakir.

174242. No. 8051. Diyarbakir, Diyarbakir. Red type. Originally from Zeri, Diyarbakir.

174243. No. 8056. Somakli, Diyarbakir. Red type.

174244. No. 8091. Mountain pass 10 miles southeast of Elazig, Elazig.

174245. No. 8160. Dara, Mardin. Sept. 6. Red type.

174246. No. 8326. Market, Suruc, Urfa. Sept. 9. Seeds red.

174247. No. 8368. Seed dealer, Nizip, Gaziantep. Sept. 9.

174248. No. 8383. Seed dealer, Nizip, Gaziantep. Sept. 9.

174249. No. 8437. Gaziantep, Gaziantep.

174250. No. 8456. Gaziantep.

174251. No. 8745. Safalar, Elazig. Sept. 15.

174252 to 174256. *LEPIDIUM SATIVUM* L. Brassicaceae.

Garden cress.

174252. No. 7703. Seed dealer, Ercis, Van. Aug. 21.

174253. No. 7789. Seed dealer, Van, Van. Aug. 23.

174254. No. 8059. Market, Diyarbakir, Diyarbakir. Sept. 4.

174255. No. 8438. Market, Gaziantep, Gaziantep. Sept. 10.

174256. No. 8613. Malatya, Malatya. Sept. 14.

## 174000 to 174419—Continued

- 174257 and 174258. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 174257. No. 7788. *Zeyrek Zeygerek*. Seed dealer, Van, Van. Aug. 23.  
 174258. No. 8037. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Argentine type.
174259. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**  
 No. 7782. *Cim*. Market, Van, Van. Aug. 23.
174260. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. **Singkwa towelgourd.**  
 No. 8627. Malatya, Malatya. Sept. 13.
- 174261 to 174270. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 174261. No. 7706. Seed dealer, Erçis, Van. Aug. 21. Local type.  
 174262. No. 8084. Market, Diyarbakir, Diyarbakir. Sept. 4. Local type.  
 174263 to 174267. From Urfa Province.  
 174263. No. 8227. Urfa. Sept. 8. Local type.  
 174264. No. 8290. Germus.  
 174265. No. 8297. Germus.  
 174266. No. 8311. Seed dealer, Suruc. Sept. 9.  
 174267. No. 8365. Market, Birecik.
174268. No. 8441. *Kilis*. Gaziantep, Gaziantep. Sept. 10.  
 174269. No. 8641. Malatya, Malatya. Sept. 14.  
 174270. No. 8795. Seed dealer, Elazig, Elazig. Sept. 15.
- 174271 to 174275. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
 174271. No. 7672. Canyon bottom, 15 miles south of Karakose, Agri. Aug. 21  
 174272. No. 7674. Twenty miles south of Karakose, Agri.  
 174273. No. 7683. Musik, Tutak, Agri. Aug. 21. Upland plateau, black soil; sturdy, heavily seeded plants.  
 174274. No. 7688. Gumusvan, Patnos, Agri. Upland plateau.  
 174275. No. 8462. Seed dealer, Gaziantep, Gaziantep. Sept. 10. Originally from Kayseri, Kayseri.
174276. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. **Yellow sweetclover.**  
 No. 7676. Twenty miles south of Karakose, Agri. Aug. 21.
174277. *SATUREJA HORTENSIS* L. Menthaceae. **Summer savory.**  
 No. 7795. *Zeytrun*. Seed dealer, Van, Van. Aug. 23.
174278. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**  
 No. 7871. Governor's garden, Hakari, Hakari. Aug. 25. White tobacco.
- 174279 to 174283. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 174279. No. 7758. Seed dealer, Van, Van. Aug. 23.  
 174280. No. 8117. Seed dealer, Mardin, Mardin. Sept. 6.  
 174281. No. 8331. Market, Suruc, Urfa. Sept. 9.  
 174282. No. 8339. Birecik, Urfa.  
 174283. No. 8780. Seed dealer, Elazig, Elazig. Sept. 15.
- 174284 and 174285. *OCIMUM BASILICUM* L. Menthaceae. **Basil.**  
 174284. No. 7717. *Zetrun*. Erçis, Van. Aug. 21.  
 174285. No. 8779. *Reyhan*. Seed dealer, Elazig, Elazig. Sept. 15.

## 174000 to 174419—Continued

- 174286 and 174287. *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
 174286. No. 7575. *Dari*. Seed dealer, Igdir, Kars. Aug. 19.  
 174287. No. 8401. Seed collection of Agricultural agent, Nizip, Gaziantep. Sept. 9.
174288. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
 No. 8431. Seed dealer, Gaziantep, Gaziantep. Sept. 10.
174289. *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
 No. 8781. *Celtik Darasi*. Seed dealer, Elazig, Elazig. Sept. 15.
- 174290 to 174294. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**  
 174290. No. 7716. *Reyhan*. Seed dealer, Ercis, Van. Aug. 21.  
 174291. No. 7757. Market, Van, Van.  
 174292. No. 8093. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.  
 174293. No. 8430. Seed dealer, Gaziantep, Gaziantep. Sept. 10.  
 174294. No. 8463. Seed dealer, Gaziantep, Gaziantep. Sept. 10.
174295. *PHALARIS TUBEROSA* L. Poaceae. **Large canary grass.**  
 No. 8172. Kasir, Mardin. Sept. 6. Large clumps, 1½ feet high.
174296. *PHLEUM NODOSUM* L. Poaceae. **Timothy.**  
 No. 7815. One mile above Golpinar. Van. Aug. 24. In steep spot on mountainside at 2,700 feet altitude.
- 174297 and 174298. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**  
 174297. No. 8399. *Mas*. Agricultural agent, Nizip, Gaziantep. Sept. 9.  
 174298. No. 8419. Market, Gaziantep, Gaziantep. Sept. 10.
174299. *PHALARIS CANARIENSIS* L. Poaceae. **Canary grass.**  
 No. 8406. *Kusyemi*. Market, Gaziantep, Gaziantep. Sept. 10. Originally from Adana, Gaziantep.
174300. *PHASEOLUS COCCINEUS* L. Fabaceae. **Scarlet runner bean.**  
 No. 7778. Market, Van, Van. Aug. 23.
- 174301 to 174318. *PHASEOLUS VULGARIS* L. **Common bean.**  
 174301. No. 7721. Seed dealer, Ercis, Van. Aug. 21.  
 174302. No. 7785. *Aysekadın*. Seed dealer, market, Van. Aug. 23.  
 174303. No. 8006. Village of Yenikoy, Karakocan, Elazig. Sept. 1. White type.  
 174304. No. 8044. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Mixed sample.  
 174305. No. 8101. *Barbunya*. Seed dealer, Mardin, Mardin. Sept. 6.  
 174306. No. 8143. *Calı*. Seed dealer, Mardin, Mardin. Sept. 6.  
 174307. No. 8235. *Aysekadın*. Market, Urfa, Urfa. Sept. 8.  
 174308 to 174313. From Gaziantep Province.  
 174308. No. 8379. Market, Nizip. Sept. 9. Yellow type.  
 174309. No. 8381. *Aysekadın*. Market, Nizip. Sept. 9.  
 174310. No. 8408. *Barbunya*. Seed dealer, Gaziantep. Sept. 10.  
 174311. No. 8409. Gaziantep. Originally from Elbistan, Maras.  
 174312. No. 8425. *Barbunya*. Gaziantep.  
 174313. No. 8458. *Aysekadın*. Gaziantep.  
 174314. No. 8608. *Barbunya*. Seed dealer, Malatya, Malatya. Sept. 14.  
 174315. No. 8693. *Arsen*. Aksaray Makallesi, Elazig.

## 174000 to 174419—Continued

## 174301 to 174318—Continued

174316 to 174318. Seed dealer, Elazig, Elazig. Sept. 15.

174316. No. 8757. *Barbunya*.

174317. No. 8763. *Maras*.

174318. No. 8777. *Aysekadin*.

174319 to 174322. *PISUM SATIVUM* L. Fabaceae.

Pea.

174319. No. 7803. Market, Van, Van. Aug. 23. Local type.

174320. No. 8100. *Sultani*. Seed dealer, Elazig, Elazig. Sept. 6.

174321. No. 8459. Market, Gaziantep, Gaziantep. Sept. 10.

174322. No. 8773. Seed dealer, Elazig, Elazig. Sept. 15.

174323 to 174325. *PORTULACA OLERACEA* L. Portulacaceae.

Purslane.

174323. No. 7783. Seed dealer, market, Van, Van. Aug. 23.

174324. No. 8363. Market, Birecik, Urfa. Sept. 9.

174325. No. 8469. Market, Gaziantep, Gaziantep. Sept. 10.

174326 and 174327. *PRUNUS ARMENIACA* L. Rosaceae.

Apricot.

174326. No. 8115. Seed dealer, Mardin, Mardin. Sept. 6.

174327. No. 8281. Germus, Urfa. Sept. 8. Wild type.

174328. *PRUNUS CERASIFERA* Ehrh.

Myrobalan plum.

No. 7839. Kalilan, Hakari. Aug. 25. Growing wild on steep hillside in closed valley. Altitude 2,200 feet.

174329. *PRUNUS* sp.

No. 8107. Seed dealer, Mardin, Mardin. Sept. 6.

174330 to 174347. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

174330. No. 6759-A. (No source given.)

174331. No. 7715. Ercis, Van, Van. Aug. 21. Root red.

174332. No. 7739. Yusufeli, Coruh. Root white.

174333. No. 7749. Yusufeli, Coruh. Root white.

174334. No. 7767. Seed dealer, Van, Van. Aug. 23. Root red.

174335. No. 8071. Market, Diyarbakir, Diyarbakir. Sept. 4. Root red.

174336. No. 8072. Market, Diyarbakir, Diyarbakir. Sept. 4. Root white.

174337. No. 8114. Seed dealer, Mardin, Mardin. Sept. 6. Root white.

174338. No. 8254. Urfa, Urfa. Sept. 8. Large type.

174339. No. 8291. Germus, Urfa.

174340. No. 8310. Seed dealer, Suruc, Urfa. Sept. 9. Large, red type.

174341. No. 8341. Seed dealer, Birecik, Urfa. Sept. 9.

174342. No. 8388. Nizip, Gaziantep. Sept. 9. Small type.

174343. No. 8397. Nizip, Gaziantep. Sept. 9. Large type.

174344. No. 8429. Seed dealer, Gaziantep, Gaziantep. Sept. 10. Small round type.

174345. No. 8451. Seed dealer, Gaziantep, Gaziantep. Sept. 10. Large coarse type.

174346. No. 8614. Seed dealer, Malatya, Malatya. Sept. 14. Root white.

174347. No. 8805. Seed dealer, Elazig, Elazig. Sept. 15. Small red type.

174348. *RHUS* sp. Anacardiaceae.

No. 7644. *Somak*. Karakose, Agri. Aug. 20. Originally from Bitlis. Used as a spice plant.

## 174000 to 174419—Continued

174349. *RUMEX* sp. Polygonaceae.

No. 7675. Twenty miles south of Karakose, Agri. Aug. 21.

174350 and 174351. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.

174350. No. 8615. Malatya, Malatya. Sept. 14.

174351. No. 8695. *Hintyagi*. Aksaray Makallesi, Elazig.174352. *ROBINIA PSEUDOACACIA* L. Fabaceae. Common locust.

No. 8033. Director of Tree Nursery, Elazig, Elazig.

174353 to 174355. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

174353. No. 7761. Van, Van. Aug. 23. Originally from Diyarbakir, Diyarbakir.

174354. No. 8422. Gaziantep, Gaziantep. Sept. 10.

174355. No. 8751. Safalar, Elazig. Sept. 15.

174356 and 174357. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.

174356. No. 8159. Dara, Mardin. Sept. 6.

174357. No. 8161. Dara, Mardin. Sept. 6.

174358 to 174375. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.

174358. No. 7762. Seed dealer, Van, Van. Aug. 23.

174359. No. 7710. Seed dealer, Ercis, Van. Aug. 21.

174360. No. 8066. Market, Diyarbakir, Diyarbakir. Sept. 4.

174361. No. 8085. *Bostan*. Market, Diyarbakir, Diyarbakir. Sept. 4.

174362. No. 8110. Seed dealer, Mardin, Mardin. Sept. 6.

174363. No. 8179. Mardin, Mardin. White type.

174364 to 174367. From Urfa Province.

174364. No. 8286. Germus. Sept. 8.

174365. No. 8300. *Sedrettin*. Germus.

174366. No. 8333. Seed dealer, Suruc. Sept. 9.

174367. No. 8334. Market, Birecik.

174368 to 174372. Seed dealers, Gaziantep Province. Sept. 9 and 10.

174368. No. 8390. *Dolmalik*. Nizip.174369. No. 8391. *Bostan*. Nizip.

174370. No. 8392. Nizip. Long type. Tapering type.

174371. No. 8402. Gaziantep.

174372. No. 8465. Gaziantep.

174373. No. 8653. *Top*. Seed dealer, Malatya, Malatya. Sept. 14.174374. No. 8789. *Mor*. Seed dealer, Elazig, Elazig. Sept. 15.

174375. No. 8793. Seed dealer, Elazig, Elazig. Sept. 15. Black type.

174376 to 174382. *SORGHUM VULGARE* Pers. Poaceae.174376. No. 8050. *Akdari*. Market, Diyarbakir, Diyarbakir. Sept. 4. Originally from village of Pirinçlik, Diyarbakir.

174377. No. 8329. Market, Suruc, Urfa. Sept. 9.

174378. No. 8353. Market, Birecik, Urfa.

174379. No. 8400. Agricultural agent, Nizip, Gaziantep. Sept. 9.

174380. No. 8434. Market, Gaziantep, Gaziantep. Sept. 10.

174381. No. 8471. *Karadari*. Sivrice Hoyuk, Pazarcik, Maras. Sept. 10.174382. No. 8748. *Akdari*. Safalar, Elazig. Sept. 15.

## 174000 to 174419—Continued

- 174383 to 174389. *SPINACIA OLERACEA* L. Chenopodiaceae. **Spinach.**  
 174383. No. 7707. Seed dealer, Ercis, Van. Aug. 21.  
 174384. No. 7711. Seed dealer, Ercis, Van. Aug. 21. Local type.  
 174385. No. 8070. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.  
 174386. No. 8144. Seed dealer, Mardin, Mardin. Sept. 6.  
 174387. No. 8407. *Kuzu*. Seed dealer, Gaziantep, Gaziantep. Sept. 10.  
 174388. No. 8784. *Dikensiz*. Seed dealer, Elazig, Elazig. Sept. 15.  
 174389. No. 8797. Seed dealer, Elazig, Elazig. Sept. 15.
174390. *TRIFOLIUM HYBRIDUM* L. Fabaceae. **Alsike clover.**  
 No. 7816. One mile above Golpınar, Van. Aug. 24. On mountainside at 2,700 feet altitude.
174391. *TRIFOLIUM* sp. **Clover.**  
 No. 7825. Twenty miles south of Golpınar, Van. Near small spring in valley meadow. Altitude 3,000 feet.
174392. *TRIFOLIUM* sp.  
 No. 8098. Five miles south of Korpınar, Mazidagi, Mardin. Sept. 5.
- 174393 and 174394. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**  
 174393. No. 8625. Malatya, Malatya. Sept. 14.  
 174394. No. 8743. Safalar, Elazig. Sept. 15.
174395. *TRisetum* sp. Poaceae.  
 No. 7903. Near Kepir mountain pass, Baskale, Van. Aug. 27. Bunch grass; altitude 3,000 feet.
174396. *TRITICUM MONOCOCCUM* var. *ÆGILPOIDES* Aschers. & Graebn. Poaceae.  
 No. 8028. Lava beds near Erzuruk, Elazig. Sept. 2. White type.
174397. *URTICA* sp. Urticaceae.  
 No. 8163. *Isirgan*. Villager, Dara, Mardin. Sept. 6. Used as a vegetable.
- 174398 to 174401. *VICIA ERVILIA* (L.) Willd. Fabaceae. **Vetch.**  
 174398. No. 8024. *Kusne*. Erzuruk, Elazig. Sept. 2.  
 174399. No. 8270. Seyhoban, Urfa. Sept. 8.  
 174400. No. 8373. Grain market, Nizip, Gaziantep. Sept. 9.  
 174401. No. 8432. *Kusne*. Market, Gaziantep, Gaziantep.
- 174402 to 174407. *VICIA FABA* L. **Broadbean.**  
 174402. No. 8058. *Sultani*. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4.  
 174403. No. 8068. Seed dealer, Diyarbakir, Diyarbakir. Sept. 4. Local type.  
 174404. No. 8375. Grain market, Nizip, Gaziantep. Sept. 9.  
 174405. No. 8413. Gaziantep, Gaziantep.  
 174406. No. 8439. Gaziantep.  
 174407. No. 8616. *Sakiz*. Seed dealer, Malatya, Malatya. Sept. 14.
- 174408 to 174411. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**  
 174408. No. 8338. Market, Birecik, Urfa. Sept. 9.  
 174409. No. 8398. Agricultural agent, Nizip, Gaziantep, Gaziantep. Sept. 9.  
 174410. No. 8617. Malatya, Malatya. Sept. 14.  
 174411. No. 8632. Malatya, Malatya.



## 174000 to 174419—Continued

174412 to 174419. *ZEА MAYS* L. Poaceae.

Corn.

174412. No. 7583. Seed dealer, Igdir, Kars. Aug. 19.

174413. No. 8087. Market, Diyarbakir, Diyarbakir. Sept. 4.

174414. No. 8187. Mardin, Mardin. Sept. 6.

174415. No. 8366. Grain market, Birecik, Urfa. Sept. 9.

174416. No. 8370. Market, Nizip, Gaziantep. Sept. 9.

174417. No. 9435. Gaziantep.

174418. No. 8665. Seed dealer, Malatya, Malatya. Sept. 14. Sugar corn.

174419. No. 8689. Aksaray Makallesi, Elazig. Sept. 15.

174420. *STYRAX* sp. *Styracaceae*.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Feb. 8, 1949.

From seeds collected in Korea by E. M. Meader, Agricultural Experiment Station, Durham, N. H.

174421 to 174425. *RUBUS*. *Rosaceae*.

Raspberry.

From Scotland. Plants presented by the Scottish Raspberry Investigation, University College, Dundee.

174421. *Malling Promise* 51/49.174424. *Malling Seedling Y* 51/85.174422. *Malling Seedling V* 51/4.174425. *Malling Seedling Z* 51/90.174423. *Malling Seedling W* 51/57.

## 174426 to 174704.

From France. Seeds presented by the Station Centrale Amelioration Des Plantes, Versailles. Received Feb. 11, 1949.

174426 to 174500. *HORDEUM* spp. *Poaceae*.

Barley.

174426 to 174453. Winter varieties.

174428 to 174453. *HORDEUM VULGARE* L.174426. *Ondine*.174427. *Probstdorf*.174428 to 174453. *HORDEUM VULGARE* L.174428. *Escourgeon de L'Ile de Re*.174429. *Escourgeon Hatif de Grignon*.174430. *Escourgeon Hatif du Moulin*.174431. *Escourgeon 1/2 Hatif des Tourettes*.174432. *Orge Albert*.174433. *Professeur Damseaux*.174434. *Hexagonale de Wagonville*.174435. *Derenburger*.174436. *Docteur Hansberg's*.174437. *Ebersbacher*.174438. *Engelans Wieland*.174439. *Friedrichswerther Berg*.174440. *Kalkreuter Fruhe*.174441. *Mahndorfer Viktoria*.174442. *Mammoth 1*.174443. *Mammoth 2*.174444. *Peragis Mittelfruhe*.174445. *Peragis Stamm 12*.174446. *Strengs Winter Gerste*.174447. *Gembloux 14*.174448. *Gembloux 185*.174449. *Gembloux 456 (Bordia)*.174450. *Escourgeon 1/2 Hatif Lafite*.174451. *006 de Gembloux*.174452. *Prefect*.174453. *Groninger*.

## 174426 to 174704—Continued

## 174426 to 174500—Continued

174454 to 174500. Spring varieties.

## 174454 to 174473. HORDEUM DISTICHON L.

174454. <i>Alsace.</i>	174464. <i>Souche 164 De Colmar.</i>
174455. <i>Aurore.</i>	174465. <i>Souche 179 De Colmar.</i>
174456. <i>Baronne.</i>	174466. <i>Tresor Du Velay.</i>
174457. <i>Bohemia.</i>	174467. <i>Vellavia.</i>
174458. <i>Forezia.</i>	174468. <i>Hado.</i>
174459. <i>Johanna.</i>	174469. <i>Etoile De Svalof.</i>
174460. <i>Megalia.</i>	174470. <i>Orge D'Or.</i>
174461. <i>Rene Guillemart.</i>	174471. <i>Victoire.</i>
174462. <i>Souche 106 De Colmar.</i>	174472. <i>Cou De Cygne.</i>
174463. <i>Souche 142 De Colmar.</i>	174473. <i>Messidor.</i>

## 174474 to 174476. HORDEUM VULGARE L.

174474. <i>Premiere A Barbes Lisses.</i>
174475. <i>Orge Nue.</i>
174476. <i>Craig's Triumph.</i>

## 174477 to 174480. HORDEUM DISTICHON L.

174477. <i>Gambrinus.</i>	174479. <i>Turquoise.</i>
174478. <i>Emeraude.</i>	174480. <i>Inerne.</i>

## 174481. HORDEUM VULGARE L.

*Zenith.*

## 174482. HORDEUM DISTICHON L.

*Slovakische Nacktgerste.*

## 174483 to 174500. HORDEUM VULGARE L.

174483. <i>Rotenburger Landgerste.</i>	174492. <i>Orge Marocaine 024.</i>
174484. <i>Orge 227 De Schribaux.</i>	174493. <i>Orge Marocaine 071.</i>
174485. <i>Tetrastichum Dans Baillarge.</i>	174494. <i>Orge Marocaine 077.</i>
174486. <i>Orzo Liengo.</i>	174495. <i>Orge Marocaine 079.</i>
174487. <i>Emilio Mariani.</i>	174496. <i>Orge Marocaine 0139.</i>
174488. <i>Scot Bere.</i>	174497. <i>Orge Marocaine 0187.</i>
174489. <i>Minister Ruys.</i>	174498. <i>Orge Marocaine 0226.</i>
174490. <i>Orge Marocaine 017.</i>	174499. <i>Commander.</i>
174491. <i>Orge Marocaine 021.</i>	174500. <i>Cape 2.</i>

## 174501 to 174590. AVENA SATIVA L. Poaceae.

Common oats.

174501. <i>Colossale R.46.</i>	174508. <i>Spetxrotar 3173-R.46.</i>
174502. <i>Laurel R.46.</i>	174509. <i>Superb-R.48.</i>
174503. <i>Morvan 2-R.46.</i>	174510. <i>Rouge Mutative Treshative D'Australie-R.46.</i>
174504. <i>Avoine De Pirhijarvi-R.46.</i>	174511. <i>Blanche De Russie-R.47.</i>
174505. <i>Jubilee-R.46.</i>	174512. <i>Cartens Iv-2-R.47.</i>
174506. <i>Tnicta-R.46.</i>	174513. <i>Hybrido F2 au 12-M-3-R.47.</i>
174507. <i>Naine Grise-R.46.</i>	

## 174426 to 174704—Continued

## 174501 to 174590—Continued

174514. *Romana*—R.47.  
 174515. *Dotnuvos Baltosios*—R.48.  
 174516. *Dotnuvos Stripuoles*—R.48.  
 174517. *Von Brunnings Winter Hafer*—R.48.  
 174518. *Grise De Webbs*—R.48.  
 174519. *Gos-Rodarski*—R.48.  
 174520. *Z 45- Cignee G4*—R.48.  
 174521. *Prolifique Blanche*—R.48.  
 174522. *Absolument Mutique* 7-1—R.46.  
 174523. *Blanche Inversible A Grappes*.  
 174524. *Blanche De Roye*—R.46.  
 174525. *Australienne*—R.48.  
 174526. *Lynghyheath*—R.48.  
 174527. *Nova*—R.48.  
 174528. *Colmar* 112—R.48.  
 174529. *Hative Des Alpes*—R.48.  
 174530. *Souveraine*—R.48.  
 174531. *Pregriver*—R.48.  
 174532. *Blanchiver*—R.48.  
 174533. *Herisson* 02922—R.48.  
 174534. *Herisson* 02924—R.48.  
 174535. *Herisson* 02927—R.48.  
 174536. *Herisson* 02928—R.48.  
 174537. *Herisson* 02923—R.48.  
 174538. *Szekacs* 8—R.48.  
 174539. *Szekacs* 23—R.46.  
 174540. *Blanche De Hongrie*—R.47.  
 174541. *Avoine Des Cotes Du Nord*—R.48.  
 174542. *Flore* 0.2274—R.46.  
 174543. *Hative De Pont L'Eveque*—R.46.  
 174544. *K-H-C*—R.48.  
 174545. *S-E-S-52*—R.47.  
 174546. *Messkircher Landhafer*—R.47.  
 174547. *Moorgold*—R.47.  
 174548. *Peragis* 2—R.48.  
 174549. *Pfortner*—R.46.  
 174550. *Morvan* 1-2—R.48.  
 174551. *Unilaterale Hative*—R.46.  
 174552. *Herisson* 02810—R.46.  
 174553. *Herisson* 02812—R.46.  
 174554. *Avoine De Rilly*.  
 174555. *Garlstorfer Bardenhager*—R.48.  
 174556. *Jassener Landhafer*—R.46.  
 174557. *Kleyhonig*—R.47.  
 174558. *Kraffts Rheinisher*—R.46.  
 174559. *Diamant*—R.47.  
 174560. *Solcil*—R.48.  
 174561. *0.1422 De Svalof*—R.48.  
 174562. *Algerie* 58—R.47.  
 174563. *Algeriensis* 44—R.46.  
 174564. *Pflugs*—R.46.  
 174565. *Walsachs*—R.48.  
 174566. *Pusa B-3-1*—R.48.  
 174567. *Pusa B-S-2*—R.46.  
 174568. *Rouge De Pithiviers Ou Rougette D'Etampes*—R.48.  
 174569. *Saint Nizier* 2—R.46.  
 174570. *Saint Nizier* 4—R.46.  
 174571. *Lozere*—R.46.  
 174572. *Rouge Du Centre* 1—R.48.  
 174573. *Rouge Du Centre* 2—R.48.  
 174574. *Rousse Coulonnee*—R.48.  
 174575. *Blanche De Bersee*—R.1948.  
 174576. *Rougette D'Estampes*—R.1948.  
 174577. *Nue Grosse*—R.1948.  
 174578. *Bagnols Hybride* 40—R.1948.  
 174579. *Brieligo*—R.1948.  
 174580. *Hative De La Delivrana*—R.1948.  
 174581. *Hybride Noire Tres Hative De Vilmorin*—R.1948.  
 174582. *Juane D'Artois*—R.1948.  
 174583. *Juane D'Ivois*—R.1948.  
 174584. *Montferrandaise*—R.1948.  
 174585. *Panache De Roye*—R.1948.  
 174586. *Leone*—R.1948.  
 174587. *Multigrap*—R.1948.  
 174588. *Noire De Moyencourt*—R.1948.  
 174589. *Rigel*—R.1948.  
 174590. *Argus*—R.1948.

## 174426 to 174704—Continued

174591 to 174704.	TRITICUM AESTIVUM L.	Poaceae.	Common wheat.
174591.	<i>Allies.</i>	174634.	<i>Florence</i> × <i>Aurore</i> 588.
174592.	<i>Alma.</i>	174635.	<i>Franc Nord.</i>
174593.	<i>Alsace.</i>	174636.	<i>Fylgia.</i>
174594.	<i>Annie.</i>	174637.	<i>Gerralyng.</i>
174595.	<i>Auchy Cambier.</i>	174638.	<i>Geflr.</i>
174596.	<i>Aurels Gaby.</i>	174639.	<i>Gentil Rooso Semi-Aristate.</i>
174597.	<i>Bataille 13 2A.</i>	174640.	<i>Gerbor.</i>
174598.	<i>Beauceron.</i>	174641.	<i>Gua.</i>
174599.	<i>Belade Rouge.</i>	174642.	<i>Hatif De Wattines.</i>
174600.	<i>Bellevue.</i>	174643.	<i>Hatif Inversable.</i>
174601.	<i>Belotourka.</i>	174644.	<i>Heines Kolben.</i>
174602.	<i>Blanc Hatif Cambier.</i>	174645.	<i>Huguenot.</i>
174603.	<i>Ble D'Avril.</i>	174646.	<i>Huguenot Barirole</i> 360.
174604.	<i>Ble Des Domes.</i>	174647.	<i>Hybride A Courte.</i>
174605.	<i>Ble Du Mesni.</i>	174648.	<i>Hybride De Bersee.</i>
174606.	<i>Bon Fermal.</i>	174649.	<i>Hybride De Bonnance.</i>
174607.	<i>Bon Fermier.</i>	174650.	<i>Hybride De Lobau.</i>
174608.	<i>Bon Moulin.</i>	174651.	<i>Hybride De La Gloquetene.</i>
174609.	<i>Bretagne Desprez.</i>	174652.	<i>Hybride De La Lour.</i>
174610.	<i>Carlotta Strampelli.</i>	174653.	<i>Hybride Du Joncqhais.</i>
174611.	<i>Carrabin 2.</i>	174654.	<i>Hybride 40.</i>
174612.	<i>Cervaro.</i>	174655.	<i>Hybride 46 (Desprez).</i>
174613.	<i>Chanteclair.</i>	174656.	<i>Imperator.</i>
174614.	<i>Chartres Desprez.</i>	174657.	<i>Ill De France.</i>
174615.	<i>Chiddam 8.</i>	174658.	<i>Innovation Bataille</i> 30.
174616.	<i>Chiddam Blanc De Mars.</i>	174659.	<i>Inversal.</i>
174617.	<i>Cote D'Or.</i>	174660.	<i>Jade.</i>
174618.	<i>Courtal.</i>	174661.	<i>Japhet.</i>
174619.	<i>Dauno.</i>	174662.	<i>Jumillo.</i>
174620.	<i>De Santa Marta.</i>	174663.	<i>Kerand.</i>
174621.	<i>Douro Boukowo.</i>	174664.	<i>Kirmize.</i>
174622.	<i>Druchamp.</i>	174665.	<i>Koudiat Lignee A 2.</i>
174623.	<i>Du Maroc Battandier.</i>	174666.	<i>Langlois</i> 1527.
174624.	<i>Dur De Bouffarick.</i>	174667.	<i>Liberator.</i>
174625.	<i>Dur De Greece.</i>	174668.	<i>Marival.</i>
174626.	<i>Dur De Jaffa.</i>	174669.	<i>Maximum Cambier.</i>
174627.	<i>Dur De Medeah.</i>	174670.	<i>Dr. Mazet.</i>
174628.	<i>Dur De Varna.</i>	174671.	<i>Mekki</i> 16 470
174629.	<i>Epidor.</i>	174672.	<i>Meline.</i>
174630.	<i>Extra Kolbein II.</i>	174673.	<i>Mohamed Ben Bacher</i> 8037.
174631.	<i>Flanders.</i>	174674.	<i>Moulin Neuf.</i>
174632.	<i>Fleche D'Or.</i>	174675.	<i>Mounton A Epi Rouge.</i>
174633.	<i>Florence 135.</i>	174676.	<i>Noel.</i>

**174426 to 174704—Continued****174591 to 174704—Continued**

174677. <i>Nord-Desprez.</i>	174691. <i>Saint-Rierre.</i>
174678. <i>Paix.</i>	174692. <i>Sillon D'Or.</i>
174679. <i>Pax Cambier.</i>	174693. <i>Soissonnais-Desprez.</i>
174680. <i>Petit Quinquin.</i>	174694. <i>Superhatif.</i>
174681. <i>Pevele.</i>	174695. <i>Talisman.</i>
174682. <i>Picardie Desprez.</i>	174696. <i>Terroir.</i>
174683. <i>Polonium.</i>	174697. <i>Tounse.</i>
174684. <i>Pont-Cailloux.</i>	174698. <i>Tresor.</i>
174685. <i>Precoce De Juillet.</i>	174699. <i>Trigo Glutinoso.</i>
174686. <i>Preparateur Etienne.</i>	174700. <i>Vague D'Epis.</i>
174687. <i>President Riverain.</i>	174701. <i>Vieux Ferrette.</i>
174688. <i>Progress.</i>	174702. <i>Vuiteboeuf.</i>
174689. <i>Pusa 165.</i>	174703. <i>Wilson.</i>
174690. <i>Reims.</i>	174704. <i>Yga Blondeau.</i>

**174705 and 174706.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 14, 1949.

**174705. CITRUS sp. Rutaceae.**

No. 10843. *Gameri*. Oria, Sirohi, Bombay. Jan. 8, 1949. Altitude 4,000 feet. Wild tree of mountains where rainfall reaches 120 inches in summer, and frosts cause ice up to 1 inch in thickness. Fruit has a pleasing acid taste.

**174706. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.**

No. 10844. *Shakaria*. Abu Road, Sirohi, Bombay. Jan. 9, 1949. Fiberless; less sweet than United States types.

**174707 to 174710. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Mexico. Seeds presented by Dr. N. E. Borlaug, Rockefeller Foundation, Mexico City, D. F. Received Feb. 1, 1949.

174707. <i>Aguilera.</i>	174709. <i>Mentana.</i>
174708. <i>Candeal.</i>	174710. <i>Pelon Colorado.</i>

**174711. SACCHARUM sp. Poaceae. Sugarcane.**

From India. Cuttings collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 10, 1949.

No. 10858. *Seleri*. Palanpur, Bombay. Jan. 10, 1949.

**174712. EULALIA CILIATA (Trin.) Kuntze. Poaceae.**

From India. Seeds presented by an unknown donor, Almora, Almora. Received Jan. 13, 1949.

**174713. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.**

From Japan. Seeds presented by the Director of the Horticultural Experiment Station, Hirano-mura, Fukushima-Ken. Received Feb. 14, 1949.

*Suyo.*

**174714 to 174765. VITIS VINIFERA L. Vitaceae. European grape.**

From Italy. Cuttings presented by Prof. Luigi Pirovano, Institution of Horticulture and Electrogenetics, Rome. Received Feb. 14, 1949.

174714. Pirovano 2.	174740. Pirovano 184.
174715. Pirovano 4.	174741. Pirovano 185.
174716. Pirovano 5.	174742. Pirovano 192.
174717. Pirovano 7.	174743. Pirovano 244.
174718. Pirovano 14.	174744. Pirovano 264.
174719. Pirovano 15.	174745. Pirovano 283.
174720. Pirovano 19.	174746. Pirovano 299.
174721. Pirovano 25.	174747. Pirovano 306.
174722. Pirovano 31.	174748. Pirovano 309.
174723. Pirovano 33.	174749. Pirovano 314.
174724. Pirovano 46a.	174750. Pirovano 316.
174725. Pirovano 52.	174751. Pirovano 318.
174726. Pirovano 54.	174752. Pirovano 328.
174727. Pirovano 60.	174753. Pirovano 347.
174728. Pirovano 65.	174754. Pirovano 352.
174729. Pirovano 73.	174755. Pirovano 353.
174730. Pirovano 89.	174756. Pirovano 365.
174731. Pirovano 100.	174757. Pirovano 370.
174732. Pirovano 101.	174758. Pirovano 432.
174733. Pirovano 105.	174759. Pirovano 471.
174734. Pirovano 107a.	174760. Pirovano 476.
174735. Pirovano 111.	174761. Pirovano 476a.
174736. Pirovano 130.	174762. Pirovano 477.
174737. Pirovano 142B.	174763. Pirovano 480a.
174738. Pirovano 165.	174764. Pirovano 531.
174739. Pirovano 175.	174765. Pirovano 532.

**174766. BETA VULGARIS L. Chenopodiaceae. Beet.**

From England. Seeds presented by Battle Potterhanworth, Ltd., Lincolnshire, Lincoln. Received Feb. 6, 1949.

*Battles 'E'.*

**174767. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From England. Seeds presented by M. B. Crane, London. Received Feb. 16, 1949.

**174768. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Denmark. Seeds presented by G. H. Coons, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 14, 1949.

**174769 and 174770.**

From the Union of South Africa. Seeds presented by J. L. Dougherty, American Legation, Pretoria, Transvaal. Received Feb. 14, 1949.

174769. COPAIFERA MOPANE Kirk. Fabaceae.

174770. ORNITHOPUS SATIVUS Brot. Fabaceae.

**Serradella.**

**174771. FRAGARIA. Rosaceae.****Strawberry.**

From England. Plants presented by L. & W. Howard, Daymens Hill Farm, Essex. Received Feb. 15, 1949.

*Tardive De Leopold.*

**174772 to 174776.**

From Sweden. Seeds presented by an unknown donor, Eslov. Received Feb. 9, 1949.

**174772. BRASSICA OLERACEA var. VIRIDIS L. Brassicaceae.**

**Kale.**

*Engstroms Original.*

**174773 and 174774. DACTYLIS GLOMERATA L. Poaceae.**

**Orchard grass.**

**174773. *Skandia II.***

**174774. *Brage.***

**174775 and 174776. TRIFOLIUM PRATENSE L. Fabaceae.**

**Red clover.**

**174775. *Late Flowering No. 1.***

**174776. *Late Flowering No. 2.***

**174777 to 174782. CASTANEA. Fagaceae.****Chestnut.**

From England. Cuttings presented by the Forestry Commission, Research Station, Farnham, Surrey. Received Feb. 15, 1949.

**174777. S. W. G. H. Bedgebury 191 copp. 174780. S. W. C. H. Challock.**

**174778. Vinehall. 174781. S. W. C. H. New F.**

**174779. S. W. C. H. Challock. 174782. Ex Alice Holt.**

**174783 to 174784. SACCHARUM. Poaceae.****Sugarcane.**

From India. Cuttings collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 15, 1949.

Veraval (Gujerat), Kathiawar, Bombay. Feb. 5, 1949.

**174783. No. 11131. *Labi.***

**174784. No. 11132. *Firozi.***

**174785 to 174788.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Nov. 19, 1953.

**174785. EUCALYPTUS CINEREA F. Muell. Myrtaceae.**

No. 13634.

**174786. EUCALYPTUS DEGLUPTA Blume.**

No. 13521.

**174787. EUCALYPTUS TERMINALIS F. Muell.**

No. 13699.

**174788. FIRMIANA SIMPLEX (L.) W. F. Wight. Sterculiaceae.**

No. 13544.

**174789 to 174965.**

From India and Nepal. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 16, 1949.

Collected in 1948.

**174789. ALLIUM CEPA L. Liliaceae.**

**Onion.**

No. 9808. *Pujaz.* Dehra Dun, United Provinces. Aug. 25. Bulbs flat, yellow and red.

## 174789 to 174965—Continued

174790. *ARISAEMA* sp. Araceae.

No. 10597. Shim, Kulu Valley, eastern Punjab. Altitude 5,000 feet. July 3.

174791 to 174797. From the United Provinces.

174791. *ASPARAGUS* sp. Liliaceae.

No. 10020. Thati Katur, Tehri. Altitude 5,000 feet. Sept. 26.

174792. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

No. 10318. *Palak*. Rikikesh. Oct. 30. Used for greens.174793 and 174794. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae.  
Sarson.174793. No. 9923. *Sarson*. Mussoorie. Sept. 4. Altitude 7,000 feet.174794. No. 10062. *Sarson*. Uttarkashi, Tehri. Oct. 2. Altitude 3,500 feet.174795. *BRASSICA JUNCEA* (L.) COSS.

Chinese mustard.

No. 10317. *Rai*. Rikikesh. Oct. 30. Oilseed.174796. *BRASSICA CAMPESTRIS* L.No. 10335. *Sarson*. Darkot, Tehri. Nov. 2. Oilseed. Altitude 5,000 feet.174797. *BRASSICA OLERACEA* var. *CAPITATA* L.

Cabbage.

No. 9774. *Bandgobi*. Bareilly. Aug. 20.174798. *BRASSICA RAPA* L.

Turnip.

No. 9602-A. *Cankan*. Rafia, Nepal. July 26. Altitude 8,000 feet.

174799 to 174815. From the United Provinces.

174799. *BRASSICA* sp. Brassicaceae.No. 9564-A. *Sarson*. Galla, Kumaon. July 25. Altitude 8,000 feet. Oilseed.

174800 to 174808. From Tehri.

174800. *BRASSICA* sp.No. 9991. *Lai*. Genwali. Sept. 23. Altitude 8,000 feet. Oilseed.174801. *BRASSICA* sp.No. 10088. *Rai*. Harsil. Oct. 2. Altitude 7,000 feet. Oilseed.174802. *BRASSICA* sp.No. 10146. *Lai*. Naogaon. Altitude 8,000 feet. Oct. 12. Oilseed.174803. *BRASSICA* sp.No. 10170. *Toriya*. Banasi. Oct. 13. Altitude 8,000 feet. Oilseed.174804. *BRASSICA CAMPESTRIS* L.No. 10188. *Sarson*. Durvili. Oct. 14. Altitude 7,500 feet. Oilseed.174805. *BRASSICA* sp.No. 10249. *Sarson*. Kimdar. Oct. 19. Altitude 6,500 feet. Oilseed.174806. *BRASSICA* sp.No. 10253. *Sarson*. Koshala. Oct. 19. Altitude 7,500 feet. Oilseed.174807. *BRASSICA* sp.No. 10270. *Sarson*. Dingari. Oct. 20. Altitude 7,000 feet. Oilseed.174808. *BRASSICA CAMPESTRIS* L.No. 10323. *Daggaon*. Nov. 1. Altitude 3,500 feet. Oilseed.



## 174789 to 174965—Continued

## 174799 to 174815—Continued

174809 to 174811. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

174809. No. 9867. *Mirch.* Dehra Dun. Aug. 27. Fruit 3 inches by  $\frac{1}{2}$  to  $\frac{3}{4}$  inches; slightly tapered, red, pungent.

174810. No. 9868. *Mirch.* Dehra Dun. Aug. 27. Fruit  $2\frac{1}{2}$  inches by  $\frac{1}{2}$  inch; tapering, red, hot.

174811. No. 9913. *Mirch.* Dehra Dun. Fruits 2 inches long, slightly tapered, orange, pungent.

174812. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

No. 9912. *Tinda.* Dehra Dun. Aug. 31. An esteemed vegetable when young and tender.

174813. *COIX LACRYMA-JOBI* L. Poaceae. **Jobs-tears.**

No. 10307. *Perola,* Tehri. Oct. 24. Altitude 4,000 feet. Three to five feet high along rice ditches.

174814 and 174815. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

174814. No. 9371—A. *Kharbuza.* Almora. May 31. Fruit globose, 5 inches in diameter, faintly netted, yellow; flesh  $1\frac{1}{2}$  inches thick, salmon-colored.

174815. No. 9372—A. *Kharbuza.* Almora. May 31. Fruit flattened, 8 by 4 inches, smooth, lemon-colored, splashed with reddish-brown; flesh 1 inch thick, salmon-colored.

174816. *CUCUMIS SATIVUS* L. **Cucumber.**

No. 9605—A. *Chunkaling.* Rafta, Nepal. July 26. Altitude 8,000 feet. Excellent quality.

174817 to 174820. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**  
From the United Provinces.

174817. No. 9864. *Kadu.* Dehra Dun. Aug. 27. Fruit buff, spotted with white.

174818. No. 9865. Dehra Dun. Aug. 27. Fruit subelongate, 15 by 12 inches, buff, deeply ribbed.

174819. No. 9866. *Kadu.* Dehra Dun. Aug. 27. Fruit flattened, 12 by 15 inches, buff with paler spots, deeply ribbed.

174820. No. 10226. *Kadu.* Pali, Tehri. Sept. 17. Altitude 6,000 feet. Fruit acorn-shaped, 11 inches long, buff, deeply ribbed; flesh yellow, tasty.

174821 and 174822. *CUCURBITA MAXIMA* Duchesne. **Squash.**

174821. No. 9604—A. *Kadu.* Rafta, Nepal. July 26. Altitude 8,000 feet. Used as vegetable marrow.

174822. No. 10133. *Kadu.* Bankoli, Tehri, United Provinces. Sept. 10. Altitude 7,000 feet.

174823. *CUCURBITA PEPO* L. **Pumpkin.**

No. 10278. *Kadu.* Barsali, Tehri, United Provinces. Sept. 21. Altitude 8,000 feet. Fruit subglobose, 15 by 12 inches, heavily ribbed, grey, squash type. Not sweet but tasty.

174824 to 174827. *DOLICHOS BIFLORUS* L. Fabaceae.

From Tehri, United Provinces.

174824. No. 10015. *Ghat.* Thahti Katur. Sept. 26. Altitude 4,500 feet.

174825. No. 10069. *Ghat.* Maleri. Oct. 3. Altitude 4,000 feet.

174826. No. 10134. *Ghat.* Bankoli. Oct. 10. Altitude 7,000 feet.

174827. No. 10180. *Ghat.* Bariya. Oct. 14. Altitude 7,500 feet.

## 174789 to 174965—Continued

174828. *DAUCUS CAROTA* L. Apiaceae.**Carrot.**No. 9908. *Gajar*. Dehra Dun, United Provinces. Aug. 31.174829. *EUONYMUS* sp. Celastraceae.

No. 10155. Diar, Tehri, United Provinces. Oct. 7. Altitude 10,000 feet. A small forest tree, bearing sparingly large fruits.

174830 to 174838. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae.**Buckwheat.**

174830 to 174834. From Kumaon, United Provinces.

174830. No. 9476—A. *Palti*. Shela. July 8. Altitude 8,500 feet.174831. No. 9477—A. *Palti*. Nagling. July 8. Altitude 9,000 feet.174832. No. 9488—A. *Palti*. Sib. July 10. Altitude 10,000 feet.174833. No. 9510—A. *Palti*. Napalcho. July 18. Altitude 9,000 feet.174834. No. 9516—A. *Palti*. Nabi. July 19. Altitude 9,000 feet.174835. No. 9532—A. *Palti*. Tsaro, Nepal. July 21. Altitude 9,000 feet.174836. No. 9546—A. *Palti*. Jipti, Kumaon. June 23. Altitude 8,000 feet.174837. No. 9596—A. *Palti*. Rafta, Nepal. July 26. Altitude 8,000 feet.174838. No. 9534—A. *Brey*. Tsaro, Nepal. July 21. Altitude 9,000 feet.174839. *FAGOPYRUM* sp.**Buckwheat.**No. 9555—A. *Palti*; *Brey*. Sankola, Kumaon, United Provinces. July 24. Altitude 8,000 feet.174840 to 174849. *FAGOPYRUM TATARICUM* (L.) Gaertn.**Kangra buckwheat.**

From the United Provinces.

174840. No. 9427—A. *Paper*. Rahlam, Kumaon. June 19. Altitude 10,000 feet.174841. No. 9487—A. *Tichu*. Sib, Kumaon. July 10. Altitude 10,000 feet.174842. No. 9490—A. *Brey*. Sib, Kumaon. July 10.174843. No. 9502—A. *Brey*. Kuti, Kumaon. Aug. 15. Altitude 10,000 feet.174844. No. 9506—A. *Brey*. Gunji, Kumaon. July 16. Altitude 9,000 feet.174845. No. 9521—A. *Brey*. Napalcho, Kumaon. July 18. Altitude 9,000 feet.174846. No. 9548—A. *Brey*. Jipti, Kumaon. June 23. Altitude 8,000 feet.174847. No. 9552—A. *Brey*. Sankola, Kumaon. July 24. Altitude 8,000 feet.174848. No. 10088—A. *Papar*. Harsil, Tehri. Oct. 2. Altitude 7,000 feet.174849. No. 10250. *Papar*. Kimdar, Tehri. Oct. 19. Altitude 6,500 feet.174850. *FRAGARIA* sp. Rosaceae.**Strawberry.**

No. 9420—A. Rilkot, Kumaon, United Provinces. June 13. Altitude 9,000 feet. On open slope.

174851. *FRAGARIA* sp.**Strawberry.**

No. 10028. Chitona, Tehri, United Provinces. Sept. 29. Altitude 12,000 feet. Fruits late.

174852 to 174868. *GLYCINE MAX* (L.) Merr. Fabaceae.**Soybean.**174852. No. 9433—A. *Bhart*. Paton, Kumaon, United Provinces. June 25. Altitude 8,000 feet.174853. No. 9535—A. *Bhart*. Sonsera, Nepal. July 26. Altitude 7,000 feet.

## 174789 to 174965—Continued

## 174852 to 174868—Continued

174854. No. 9568-A. Tsaro, Nepal. July 21. Altitude 9,000 feet.

174855. No. 9578-A. *Sheta Bhart*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet.

174856 to 174868. From the United Provinces.

174856. No. 9623-A. Sirtang, Kumaon. July 27. Altitude 8,500 feet.

174857. No. 9642-A. Sirka, Kumaon. July 27. Altitude 8,500 feet.

174858. No. 9694-A. Bhartkham, Kumaon. Aug. 6. Altitude 6,000 feet.

174859 to 174868. From Tehri.

174859. No. 10055. Uttarkashi. Oct. 2. Altitude 3,500 feet.

174860. No. 10095. Jalla. Oct. 3. Altitude 6,500 feet.

174861. No. 10194. Waziragarh. Oct. 15. Altitude 6,000 feet.

174862. No. 10207. Kupra. Oct. 16. Altitude 8,000 feet.

174863. No. 10267. Dingari. Oct. 20. Altitude 7,000 feet.

174864. No. 10277. Barsali. Oct. 21. Altitude 8,000 feet.

174865. No. 10321. Daggaon. Nov. 1. Altitude 3,500 feet.

174866. No. 10327. Taffi. Nov. 1. Altitude 5,000 feet. On edge of ricefield.

174867. No. 10303. Perola. Oct. 24. Altitude 4,000 feet. Ricefield in a banana area.

174868. No. 10331. Darkot. Nov. 2. Altitude 5,000 feet. Along edge of ricefields.

174869 to 174884. From the United Provinces.

174869. *JUGLANS REGIA* L. Juglandaceae.

Persian walnut.

No. 9471-A. *Akar*. Sumdum, Kumaon. July 6. Altitude 8,000 feet. Forest tree; fruits exceptionally large.

174870. *JUNIPERUS* sp. Pinaceae.

Juniper.

No. 10201. Above Madhis, Tehri. Oct. 14. Altitude 11,000 feet. Semi-decumbent shrub up to 11 feet high.

174871. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

No. 9933. *Kahu*. Mussoorie. Sept. 6. Altitude 7,000 feet. Oil obtained from this used for culinary and massage purposes.

174872 and 174873. *LENS CULINARIS* Medic. Fabaceae.

Lentil.

174872. No. 9875. *Masur*. Dehra Dun. Aug. 28.

174873. No. 9955. *Masur*. Tehri, Tehri. Sept. 14. Altitude 3,500 feet.

174874. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don. Fabaceae.

No. 10153. Above Naogaon, Tehri. Oct. 10. Altitude 9,000 feet. Eighteen inches high in grass on isolated slopes.

174875. *LESPEDEZA JUNCEA* Pers.

No. 10309. Perola, Tehri. Oct. 24. Altitude 4,000 feet.

174876. *LILIUM* sp. Liliaceae.

Lily.

No. 10302. Saru Tal, Tehri. Oct. 22. Altitude 9,000. Edge of forest among tree roots and in heavy gumbo soil. Plant 5 feet high; leaves verticillate, linear lanceolate.

174877. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

No. 9805. *Alsi*. Dehra Dun. Aug. 25.

## 174789 to 174965—Continued

## 174869 to 174884—Continued

174878. *LUFFA AEGYPTIACA* (L.) Roxb. Cucurbitaceae. **Suakwa towelgourd.**  
No. 9909. *Toriya*. Dehra Dun. Aug. 31. Esteemed as a vegetable when young.
174879. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
No. 9916. *Tomatter*. Dehra Dun. Aug. 31. Altitude 2,100 feet. Fruits flattened, red.
174880. *MECONOPSIS* sp. Papaveraceae.  
No. 10027. Chitona, Tehri. Sept. 28. Altitude 12,000 feet.
174881. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
No. 9892. *Lusern*. Dehra Dun. Aug. 19.
- 174882 and 174883. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
174882. No. 9767. *Kolunji*. Bareilly. Aug. 20. Used as a spice in pickles.  
174883. No. 9926. *Kolunji*. Mussoorie. Sept. 4.
174884. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
No. 9927. *Kashkash*. Mussoorie. Sept. 4. Altitude 7,000 feet.
174885. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae. **Green perilla.**  
No. 9576-A. *Tiri Kula*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet. Used as oilseed and relish base.
174886. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**  
No. 10269. *Sheta Dal*. Dingari, Tehri, United Provinces. Oct. 20. Altitude 7,000 feet.
174887. *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
No. 9924. *Mung*. Mussoorie, United Provinces. Sept. 4. Altitude 7,000 feet.
- 174888 to 174891. *PHASEOLUS MUNGO* L. **Urd.**  
From the United Provinces.  
174888. No. 9624. *Mash*. Sirtang, Kumaon. July 27. Altitude 8,500 feet.  
174889. No. 9952. *Mash*. Tehri, Tehri. Sept. 14. Altitude 3,500 feet.  
174890. No. 10297. *Sonta*. Jerali, Tehri. Oct. 23. Altitude 7,000 feet.  
174891. No. 10320. *Urud*. Srinagar, Tehri. Oct. 31. Altitude 3,000 feet.
- 174892 to 174916. *PHASEOLUS VULGARIS* L. **Common bean.**  
174892 to 174895. From Kumaon, United Provinces.  
174892. No. 9404-A. Chishen. June 7. Altitude 6,000 feet.  
174893. No. 9480-A. *Sontra*. Baling. July 9. Altitude 9,500 feet.  
174894. No. 9549-A. *Sontra*. Jipti. June 23. Altitude 8,000 feet.  
174895. No. 9560-A. *Sont*. Galla. July 25. Altitude 8,000 feet.  
174896. No. 9566-A. *Shonta*. Sonsera, Nepal. July 26. Altitude 7,000 feet.  
174897. No. 9575-A. *Sonta*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet.  
174898. No. 9597-A. *Krons*. Rafla, Nepal. July 26. Altitude 8,000 feet.  
174899 to 174916. From the United Provinces.  
174899. No. 9643-A. *Sonta*. Sirka, Kumaon. July 27. Altitude 8,500 feet.

## 174789 to 174965—Continued

## 174892 to 174916—Continued

## 174899 to 174916—Continued

174900 to 174903. Mussoorie. Sept. 4. Altitude 7,000 feet.

174900. No. 9917. *Lobia*.174902. No. 9928. *Lobia*.174901. No. 9918. *Lobia*.194903. No. 9930. *Lobia*.

## 174904 to 174916. From Tehri.

174904. No. 9987. *Chimi*. Genwali. Sept. 23. Altitude 8,000 feet.174905. No. 10045. *Chimi*. Pilgad. Oct. 2. Altitude 7,500 feet. Pole bean.174906. No. 10049. *Chimi*. Jaurah. Oct. 3. Altitude 7,000 feet.174907. No. 10072. *Urud*. Maleri. Oct. 3. Altitude 4,000 feet.174908. No. 10081. *Chimi*. Cholmo. Oct. 2. Altitude 8,000 feet.174909. No. 10093. *Chimi*. Jalla. Oct. 3. Altitude 6,500 feet.174910. No. 10101. *Chimi*. Uri. Oct. 3. Altitude 5,800 feet.174911. No. 10123. *Chimi*. Bankoli. Oct. 9. Altitude 7,000 feet.174912. No. 10158. *Chimi*. Bifa. Oct. 13. Altitude 8,000 feet.174913. No. 10182. *Chimi*. Bariya. Oct. 14. Altitude 7,500 feet.174914. No. 10202. *Chimi*. Kupra. Oct. 16. Altitude 8,000 feet.174915. No. 10215. *Chimi*. Tirkula. Oct. 16. Altitude 7,000 feet.174916. No. 10334. *Chimi*. Darkot. Nov. 2. Altitude 5,000 feet.174917 to 174927. *PISUM SATIVUM* L. Fabaceae.

Pea.

## 174917 to 174920. From Kumaon, United Provinces.

174917. No. 9460-A. *Kallu*. Sumdum. July 5. Altitude 8,000 feet.174918. No. 9396-A. *Matar*. Girgaon. June 6. Altitude 7,500 feet.174919. No. 9440-A. *Matar*. Koltum. June 26. Altitude 8,000 feet.174920. No. 9509-A. *Koshi*. Napalcho. July 18. Altitude 9,000 feet. Flowers red.174921. No. 9601-A. *Kalaon*. Rafia, Nepal. July 26. Altitude 8,000 feet.

## 174922 to 174927. From the United Provinces.

174922. No. 9617-A. *Jimra*, Kumaon. July 27. Altitude 8,500 feet.174923. No. 9625-A. *Kulla*. Sirtang, Kumaon. July 27. Altitude 8,500 feet.174924. No. 9919. *Matar*. Mussoorie. Sept. 4. Altitude 7,000 feet.174925. No. 10082. *Matar*. Cholmo, Tehri. Oct. 2. Altitude 8,000 feet.174926. No. 10091. *Matar*. Jalla, Tehri. Oct. 3. Altitude 6,500 feet.174927. No. 10117. *Matar*. Raytal, Tehri. Oct. 5. Altitude 7,000 feet.

## 174928 to 174965. From the United Provinces.

174928. *POLYGONUM* sp. Polygonaceae.

No. 10219. Above Madhis, Tehri. Oct. 14. Altitude 9,000 feet. A handsome plant growing in partial shade; 2 feet high with long cerise spikes.

174929. *POLYGONUM* sp.

No. 10312. Above Kophara, Tehri. Oct. 25. Altitude 9,000 feet. Perennial. 2 feet high with large spikes of white to cerise flowers.

174930. *PORTULACA OLERACEA* L. Portulacaceae.

Purslane.

No. 9772. *Kulfa*. Bareilly. Aug. 20.

## 174789 to 174965—Continued

## 174928 to 174965—Continued

174931. *PRIMULA* sp. Primulaceae.

No. 10152. Bhujeka, Tehri. Oct. 12. Altitude 10,000 feet. Plant 2 feet high with royal purple flowers 1 inch across, in a corymb; very showy.

174932. *PRUNUS ARMENIACA* L. Rosaceae. **Apricot.**

No. 9373-A. *Kumani*. Almora. May 31. Altitude 6,000 feet. Fruit filbert-shaped, 1½ inches in diameter, gold, faintly spotted; semicling.

174933. *PYRACANTHA* sp. Malaceae. **Firethorn.**

No. 9557-A. Galla, Kumaon. July 25. Altitude 9,000 feet. Handsome shrub, covered with scarlet fruit.

174934. *RUBUS* sp. Rosaceae.

No. 9387-A. Kapkat, Kumaon. June 3. Altitude 4,500 feet. Flowers purple; fruits black, numerous, pleasantly acid.

174935 and 174936. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**

174935. No. 9493-A. *Labuk*. Marcha, Kumaon. July 10. Altitude 10,000 feet. Root large, white.

174936. No. 9513-A. *Labuk*. Napalcho, Kumaon. July 18. Altitude 9,000 feet. Winter type.

174937. *RUBUS* sp. Rosaceae.

No. 9612-A. Rungling Pass, Kumaon. Oct. 27. Altitude 10,000 feet. Fruits small to medium, red, very sour.

174938 to 174940. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**

174938. No. 9631-A. *Sota*. Sirtang, Kumaon. July 27. Altitude 8,500 feet. Winter type.

174939. No. 9777. *Muli*. Bareilly. Aug. 20. Root long, white.

174940. No. 9931. *Muli*. Mussoorie. Sept. 6. Altitude 7,000 feet. Long white type.

174941. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**

No. 9929. *Errand*. Mussoorie. Sept. 4. Altitude 7,000 feet.

174942. *ROSA* sp. Rosaceae. **Rose.**

No. 9981. Gangi, Tehri. Sept. 20. Altitude 8,000 feet. Bush 8 feet high.

174943. *ROSA* sp.

No. 9982. Gangi, Tehri. Sept. 20. Altitude 8,000 feet. Shrub up to 15 feet high, with birch-like bark; trunks 1 inch or more in diameter.

174944. *ROSA* sp.

No. 9994. Above Luni, Tehri. Sept. 23. Altitude 10,000 feet. Bush up to 8 feet high, usually thornless; flowers white.

174945. *ROSA* sp.

No. 10000. Almora Genwali, Tehri. Sept. 24. Altitude 10,000 feet. Bush up to 8 feet high; thornless or nearly so.

174946. *ROSA* sp.

No. 10031. Chitma, Tehri. Sept. 29. Altitude 11,000 feet. Well-formed bush.

174947. *RUBUS* sp. Rosaceae.

No. 9455-A. Bona, Kumaon. June 29. Altitude 7,000 feet. Canes 6 feet in length, well-armed. Fruit large, orange, of good quality.

174948. *RUBUS* sp.

No. 10150. Thadol Danda, Tehri. Sept. 12. Altitude 10,000 feet. Canes up to 6 feet in length, unarmed.

## 174789 to 174965—Continued

## 174928 to 174965—Continued

174949 to 174953. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**174949. No. 9920. *Til.* Mussoorie. Sept. 4. Altitude 7,000 feet.174950. No. 9921. *Til.* Mussoorie. Sept. 4.174951. No. 10008. *Til.* Toli, Tehri. Sept. 25. Altitude 5,000 feet.174952. No. 10061. *Til.* Uttarkashi, Tehri. Oct. 2. Altitude 3,500 feet.174953. No. 10216. *Til.* Tirkula, Tehri. Oct. 16. Altitude 7,000 feet.174954. *SMILAX* sp. Liliaceae. **Greenbrier.**No. 9945. *Kaudia*, Tehri. Sept. 13. Altitude 7,000 feet. Climbing in pine forest.174955. *SMILAX* sp.No. 10021. *Thati Katur*, Tehri. Sept. 26. Altitude 4,500 feet. Climbing in hedges.174956. *SMILAX* sp.No. 10198. *Madhis*, Tehri. Oct. 15. Altitude 7,500 feet. Fruit bluish-black.174957. *SOLANUM* sp. Solanaceae.No. 10112. *Pila*, Tehri. Oct. 4. Altitude 6,000 feet. Rich soil, plant up to 10 feet high; flowers lavender, white-throated,  $1\frac{1}{4}$  inches across, attractive, borne upright and freely.174958. *SOLANUM* sp.No. 10190. *Madhis*, Tehri. Oct. 15. Altitude 7,500 feet. Fruit yellow.174959. *SORGHUM* sp. Poaceae.No. 10300. *Barsali*, Tehri. Oct. 21. Altitude 8,000 feet.174960. *SPINACIA OLERACEA* L. Chenopodiaceae. **Spinach.**No. 10338. *Palak*. Darkot, Tehri. Oct. 2. Altitude 5,000 feet.174961. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**No. 9801. *Mehti*. Dehra Dun. Aug. 24.174962. *VIBURNUM* sp. Caprifoliaceae.

No. 9993. Above Genwali, Tehri. Sept. 23. Altitude 10,000 feet. Bush to 10 feet high in forest, laden with edible scarlet fruit.

174963 to 174965. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**174963. No. 9441-A. *Gurash*. Chilkot, Kumaon. June 26. Altitude 8,000 feet.174964. No. 10217. *Sonta*. Tirkula, Tehri. Oct. 16. Altitude 7,000 feet.174965. No. 10337. *Sonta*. Darkot, Tehri. Nov. 2. Altitude 5,000 feet.

## 174966 to 174979.

From the Union of South Africa. Seeds presented by the American Legation, Pretoria, Transvaal. Received Feb. 16, 1949.

174966. *ACACIA GALPINII* Burt-Davy. Fabaceae.*Apiesdoorn Monkey Thorn.*174967. *DIGITARIA* sp. Poaceae.*Inkruip.*174968. *ACACIA LITAKUNENSIS* Burch. Fabaceae.*Hak-En-Steek.*

**174966 to 174979—Continued**174969. *ACACIA CAFFRA* (Thunb.) Willd.*Kafferwas-'N-Bietjie.*174970. *COPAIFERA MOPANE* Kirk. Fabaceae.*Mopane.*174971. *PANICUM* sp. Poaceae.*Bandolierkop.*174972. *PANICUM* sp.*Nanyuki.*174973. *PANICUM PHRAGMITOIDES* Stapf.**Buffels grass.**174974. *PANICUM* sp.*Rustenburg.*174975. *PANICUM* sp.*South Coast.*174976. *SETARIA* sp. Poaceae.*Kwaai.*174977. *SETARIA* sp.*Kabulabula.*174978. *SETARIA* sp.*Whyley's Poort.*174979. *UROCHLOA* sp. Poaceae.*East African.***174980 to 174986. *VITIS VINIFERA* L. Vitaceae. European grape.**

From Portugal. Cuttings presented by Ed. Sa' Pereira, Porto. Received Feb. 14, 1949.

174980. *Alicante Espanhol.*174984. *Gouveio.*174981. *Dedo De Dama.*174985. *Malvasia Fina.*174982. *Ferral Ceita.*174986. *Portugues Azul.*174983. *Ferral Tamara.***174987 to 174990.**

From Burma. Seeds presented by U Aye Maung, Pakokku. Received Feb. 17, 1949.

174987. *ANNONA RETICULATA* L. Annonaceae**Custard-apple.**174988. *PHASEOLUS AUREUS* Roxb. Fabaceae.**Mung bean.**174989. *SESAMUM INDICUM* L. Pedaliaceae.**Sesame.**174990. *ZEA MAYS* L. Poaceae.**Corn.****174991 to 174993. *PUERARIA* spp. Fabaceae.**

From Japan and Puerto Rico. Seeds presented through F. J. Crider, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 14, 1949.

174991 and 174992. *PUERARIA LOBATA* (Willd.) Ohwi.**Kudzu.**

From Japan.

174993. *PUERARIA PHASEOLOIDES* (Roxb.) Benth.

From Puerto Rico.



**174994 to 174997. PHASEOLUS VULGARIS L. Fabaceae.****Common bean.**

From France. Seeds presented by Vilmorin-Andrieux & Co., Paris. Received Feb. 18, 1949.

174994. *Flageolet Roi Des Verts*.

174996. *Flageolet Merveille*.

174995. *Flageolet Triomphe Des Chassis*.

174997. *Flageolet Chevier*.

**174998 to 175009.**

From Uruguay. Seeds presented by the Estancia de Santa Elena, Estacion Alejandro, Gallinal. Received Feb. 14, 1949.

174998. *AGROPYRON* sp. Poaceae.

Introduced as *Agropyron scabrifolium*, an apparently unpublished name.

174999. *AVENA LUDOVICIANA* Durieu. Poaceae.

175000. *BROMUS BREVIS* Steud. Poaceae.

175001. *DAUBENTONIA PUNICEA* (Cav.) DC. Fabaceae.

175002. *LATHYRUS APHACA* L. Fabaceae.

175003. *LATHYRUS CLYMENUM* L.

175004. *LATHYRUS NISSOLIA* L.

175005. *PENNISSETUM NERVOSUM* (Nees) Trin. Poaceae.

175006. *SESBANIA EXALTATA* (Raf.) Rydb. Fabaceae.

175007. *SESBANIA MARGINATA* Benth.

175008. *VICIA ATROPURPUREA* Desf. Fabaceae.

**Vetch.**

175009. *VIGNA LUTEOLA* (Jacq.) Benth. Fabaceae.

**175010 to 175012.**

From England. Scions purchased from W. Hopwood & Son, Cheltenham. Received Feb. 18, 1949.

175010 and 175011. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

175010. *King Harry*.

175011. *Tydemans Late Cox*.

175012. *PYRUS COMMUNIS* L. Malaceae.

**Pear.**

*Bristol Cross*.

**175013 to 175020. ORYZA SATIVA L. Poaceae.**

**Rice.**

From Portugal. Seeds presented by Manuel Vianna e Silva, National Agronomy Station, Sacavém. Received Feb. 21, 1949.

175013. *Ardizzone*.

175017. E. A. N. No. 6.

175014. *Chines*.

175018. *Muga*.

175015. E. A. N. No. 3.

175019. *Nero Vialone*.

175016. E. A. N. No. 4.

175020. *Precoce*.

**175021 to 175030.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 21, 1949.

Collected in 1948, in the United Provinces.

175021 to 175025. *AVENA SATIVA* L. Poaceae.

**Common oats.**

175021. No. 9907. *Jai*. Dehra Dun. Aug. 31.

175022. No. 9914. *Jai*. Mussoorie. Altitude 7,000 feet.

**175021 to 175030—Continued****175021 to 175025—Continued**

**175023.** No. 9915. Mussoorie. Altitude 7,000 feet. Winter type.

**175024.** No. 10362. *Jai*. Saharanpur. Nov. 8.

**175025.** No. 10390. Dehra Dun. Nov. 8.

**175026 to 175028.** *ORYZA SATIVA* L. Poaceae.**Rice.**

**175026.** No. 10012. *Dhan*. Katikatur, Tehri. Sept. 26. Altitude 4,500 feet.

**175027.** No. 10105. *Jheru Dhan*. Tiargaon, Tehri. Oct. 4. Altitude 5,000 feet. Near limit of rice cultivation.

**175028.** No. 10145. *Dhan*. Naogaon, Tehri. Oct. 12. Altitude 8,000 feet.

**175029.** *GOSSYPIUM*. Malvaceae.**Cotton.**

No. 10311. *Rui*. Kophara, Tehri. Oct. 24. Altitude 4,500 feet. Occasional plants, herbaceous, 2½ feet high; flowers yellow.

**175030.** *GOSSYPIUM*.

No. 10374. *Rui*. Saharanpur. Nov. 8. Oilseed.

**175031.** *VITIS VINIFERA* L. Vitaceae.**European grape.**

From Greece. Cuttings presented by Costas Cadinopoulos, Central Government of Macedonia, Thessalonike. Received Feb. 21, 1949.

*Black Maousa*.

**175032.** *BETA VULGARIS* L. Chenopodiaceae.**Beet.**

From the Netherlands. Seeds presented by the Nederlandsche Algemeene Keuringsdienst, Wageningen. Received Feb. 23, 1949.

**175033.** *GOSSYPIUM HERBACEUM* L. Malvaceae.**Cotton.**

From India. Seeds presented by C. B. Patel, Cotton Botanist, Surat, Bombay. Received Mar. 1, 1949.

**175034.** *MALUS SYLVESTRIS* Mill. Malaceae.**Apple.**

From Maryland. Scions presented by Haig Dermen, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbered Feb. 24, 1949.

*Kimball McIntosh 4 X*.

**175035 to 175337.**

From India, Tibet, and Nepal. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 24, 1949.

Collected in 1948 unless otherwise indicated.

**175035 to 175064.** From the United Provinces unless otherwise noted.

**175035.** *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

**Okra.**

No. 10375. *Bhindi*. Saharanpur. Oct. 8.

**175036 to 175038.** *ALLIUM CEPA* L. Liliaceae.

**Onion.**

**175036.** No. 9700—A. *Pujaz*. Bunyal, Kumaon. Aug. 8. Altitude 5,000 feet. Bulb large, flat, red, and sweet.

**175037.** No. 9701—A. *Pujaz*. Barichina, Kumaon. Aug. 10. Altitude 4,000 feet. Bulbs of maximum size, red, flat, very tender and mild.

**175038.** No. 9937. *Pujaz*. Mussoorie. Sept. 6. Altitude 7,000 feet.

**175039.** *AMARANTHUS CAUDATUS* L. Amaranthaceae. **Love-lies-bleeding.**

No. 10149. *Marcha*. Naogaon, Tehri. Oct. 12. Altitude 8,000 feet. Handsome red drooping flower heads. Plants 3 to 4 feet high.

## 175035 to 175337—Continued

## 175035 to 175064—Continued

175040. *AMARANTHUS* sp.No. 10271. *Bitu*. Dingari, Tehri. Oct. 20. Altitude 7,000 feet.175041. *ARACHIS HYPOGAEA* L. Fabaceae.

Peanut.

No. 10365. *Mungpali*. Saharanpur. Nov. 8.175042. *ARISAEMA* sp. Araceae.No. 10956. *Oria*, Sirohi, Bombay. Jan. 3, 1949. Altitude 4,000 feet.175043. *ASTILBE* sp. Saxifragaceae.

No. 10313. Above Kophara, Tehri. Oct. 25. Altitude 9,000 feet. Found in openings in forest. Plant 3 feet high with large trusses of fragrant creamy flowers.

175044. *BELAMCANDA CHINENSIS* (L.) DC. Iridaceae.

Blackberry-lily.

No. 10111. *Pila* Tehri. Oct. 4. Altitude 6,000 feet. Ornamental.175045. *BENINCASA HISPIDA* (Thunb.) Cogn. Cucurbitaceae. Waxgourd.

No. 9400-A. Girgaon, Kumaon. June 6. Altitude 7,500 feet. Fruit globose, 9 inches in diameter.

175046 and 175047. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

175046. No. 10345. *Palak*. Hardwar. Nov. 6.175047. No. 10388. *Palak*. Saharanpur. June 8. Greens type.175048 to 175051. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae. Sarson.175048. No. 9973. *Bhatgaon*, Tehri. Sept. 18. Altitude 5,500 feet. Oil used in cooking.175049. No. 10066. *Sarson*. Maleri, Tehri. Oct. 3. Altitude 4,000 feet. Oilseed.175050. No. 10118. *Radu*. Raytal, Tehri. Oct. 5. Altitude 7,000 feet. Oilseed.175051. No. 10351. *Sarson*. Hardwar. Nov. 6. Oilseed.175052. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

No. 10370. *Sarson*. Saharanpur. Oct. 8. Oilseed.175053 to 175057. *BRASSICA JUNCEA* (L.) Coss. Brassicaceae.

Chinese mustard.

175053. No. 9959. *Lai*. Tehri, Tehri. Sept. 14. Altitude 3,500 feet. Oilseed.175054. No. 9973-A. *Toriya*. Bhatgaon, Tehri. Sept. 18. Altitude 5,500 feet. Oilseed. Plants 2 feet high.175055. No. 9975. *Lai*. Bhatgaon, Tehri. Sept. 18.175056. No. 10039. *Jaurah*, Tehri. Oct. 1. Altitude 7,000 feet. Oilseed.175057. No. 10206. *Radua*. Kupra, Tehri. Oct. 16. Altitude 8,000 feet.175058 and 175059. *BRASSICA RAPA* L.

Turnip.

175058. No. 9482-A. *Shakarma*. Baling, Kumaon. July 9. Altitude 9,500 feet.175059. No. 9640-A. *Chankan*. Sirka, Kumaon. July 27. Altitude 8,500 feet.175060. *BRASSICA* sp.No. 9626-A. *Sarson*. Lashpa, Kumaon. June 14. Altitude 9,000 feet.175061. *BRASSICA* sp.No. 9424-A. *Lai*. Tola, Kumaon. June 14. Altitude 10,000 feet.

## 175035 to 175337—Continued

## 175035 to 175064—Continued

175062. *BRASSICA* sp.No. 9481—A. *Yunkar*. Baling, Kumaon. July 9. Altitude 9,500 feet.175063. *BRASSICA* sp.No. 9489—A. *Nyumskar*. Sibbu, Kumaon. July 10. Altitude 10,000 feet. Oilseed.175064. *BRASSICA* sp.No. 9492—A. *Nyumskar*. Marcha, Kumaon. July 10. Altitude 10,000 feet. Oilseed.175065. *BRASSICA* sp.No. 9525—A. *Nyumskar*. Takhlakot, Tibet. July 19. Oilseed.175066. *BRASSICA* sp.No. 9585—A. *Sarson*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet. Oilseed.175067. *BRASSICA* sp.No. 9599—A. *Sarson*. Rafla, Nepal. July 26. Altitude 8,000 feet. Oilseed.

175068 to 175071. From the United Provinces.

175068. *BRASSICA* sp.No. 9629—A. *Sarson*. Sirtang, Kumaon. July 27. Altitude 8,500 feet. Oilseed.175069. *BRASSICA* sp.No. 9654—A. *Sarson*. Sirka, Kumaon. July 27. Altitude 8,500 feet. Oilseed.175070. *BRASSICA* sp.

No. 9731—A. Sanandiu, Kumaon. Aug. 4. Altitude 8,500 feet. Oilseed.

175071. *BRASSICA NIGRA* (L.) Koch.

Black mustard.

No. 9804. *Rai*. Dehra Dun. Aug. 25. Oilseed.175072. *BRASSICA* sp.No. 9836. *Sarson*. Bombay, Bombay. Aug. 22. Oilseed.

175073 to 175121. From the United Provinces.

175073. *BRASSICA* sp.No. 9922. *Rai*. Mussoorie. Sept. 4. Altitude 7,000 feet. Used as pickle spice.175074. *BRASSICA* sp.No. 9943. *Toriya*. Kadukal, Tehri. Sept. 11. Altitude 7,000 feet. Oilseed.175075. *BRASSICA* sp.No. 9986. *Toriya*. Gangi, Tehri. Sept. 21. Altitude 8,000 feet. Oilseed.175076. *BRASSICA* sp.No. 9807. *Sarson*. Dehra Dun. Aug. 25. Oilseed.

175077 to 175096. From Tehri.

175077 to 175079. *BRASSICA CAMPESTRIS* L.175077. No. 10006. *Lai*. Toli. Sept. 25. Altitude 5,000 feet. Oilseed.175078. No. 10007. *Lai*. Below Toli. Sept. 25. Altitude 4,500 feet. Oilseed.175079. No. 10019. *Toriya*. Thati Katur. Sept. 26. Altitude 4,500 feet. Oilseed.

## 175035 to 175337—Continued

## 175073 to 175121—Continued

## 175077 to 175096—Continued

175080. *BRASSICA* sp.No. 10025. *Lai*. Urni. Sept. 27. Altitude 8,000 feet. Oilseed.175081. *BRASSICA CAMPESTRIS* L.No. 10046. *Sarson*. Pilgad. Oct. 2. Altitude 7,500 feet. Oilseed.175082. *BRASSICA* sp.No. 10060. *Rai*. Uttarkashi. Oct. 2. Altitude 3,500 feet. Oilseed and spice.175083. *BRASSICA* sp.No. 10064. *Lai*. Uttarkashi. Oct. 2. Altitude 3,500 feet. Oilseed.175084. *BRASSICA* sp.No. 10080. *Lai*. Mugpa. Oct. 2. Altitude 8,000 feet. Oilseed.175085. *BRASSICA CAMPESTRIS* L.No. 10084. *Sarson*. Cholmo. Oct. 2. Altitude 8,000 feet. Oilseed.175086. *BRASSICA* sp.No. 10018. *Lai*. Thati Katur. Sept. 26. Altitude 4,500 feet. Oilseed.175087. *BRASSICA* sp.No. 10127. *Lai*. Bankoli. Oct. 9. Altitude 7,000 feet. Oilseed.175088. *BRASSICA* sp.10156. *Toriya*. Bifa. Oct. 13. Altitude 8,000 feet. Oilseed.175089. *BRASSICA CAMPESTRIS* L.No. 10167. *Toriya*. Khursali. Oct. 13. Altitude 8,500 feet. Oilseed.175090. *BRASSICA* sp.No. 10169. *Dura*. Banasi. Oct. 13. Altitude 8,000 feet. Oilseed.175091. *BRASSICA* sp.No. 10197. *Sharson*. Waziragarh. Oct. 15. Altitude 6,000 feet. Oilseed.175092. *BRASSICA* sp.No. 10205. *Toriya*. Kupra. Oct. 16. Altitude 8,000 feet. Oilseed.175093. *BRASSICA CAMPESTRIS* L.No. 10273. *Rai*. Barsali. Oct. 21. Altitude 8,000 feet. Oilseed.175094. *BRASSICA* sp.No. 10287. *Sarson*. Dogra. Oct. 22. Altitude 6,000 feet. Oilseed.175095. *BRASSICA* sp.No. 10291. *Sarson*. Sialuka. Oct. 22. Altitude 6,000 feet. Oilseed.175096. *BRASSICA* sp.No. 10326. *Tafli*. Nov. 1. Altitude 5,000 feet. Oilseed.175097. *BRASSICA* sp.No. 10350. *Rai*. Hardwar. Nov. 6.175098. *BRASSICA RAPA* L.

Turnip.

No. 10353. *Shelgham*. Hardwar. Nov. 6. Said to have white roots.175099. *BRASSICA* sp.No. 10368. *Rai*. Saharanpur. Nov. 8.

## 175035 to 175337—Continued

## 175073 to 175121—Continued

175100. *BRASSICA JUNCEA* (L.) COSS.

Chinese mustard.

No. 10369. *Sarson*. Saharanpur. Nov. 8.175101. *BRASSICA* sp.No. 10212. *Radua*. Tirkula, Tehri. Oct. 16. Altitude 8,000 feet. Oil-seed.175102. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 10371. *Tarbuza*. Saharanpur. Nov. 8.175103. *CORYLUS AVELLANA* L. Betulaceae.

Filbert.

No. 10050. *Tangoli* or *Bhan Serola*. Above Jaurah, Tehri. Oct. 3. Altitude 9,000 feet. Handsome forest tree up to 3 feet in diameter, exceptionally large; fruits abundantly.175104. *COTONEASTER* sp. Malaceae.No. 9946. *Kadukal*, Tehri. Sept. 11. Altitude 7,000 feet. Rather large tree, attractive when in bloom; tolerates mild winter.175105 to 175107. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

175105. No. 9812. *Sann* or *Musafut*. Dehra Dun. Aug. 25.175106. No. 10342. *Sann*. Dehra Dun. Aug. 25.175107. No. 10379. *Sann*. Saharanpur. Oct. 8.175108. *CROTON TIGLIUM* L. Euphorbiaceae.

Croton-oil plant.

No. 10384. *Jamalgata*. Saharanpur. Nov. 8. Oil used medicinally.175109 and 175110. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

175109. No. 9932. *Kharbuza*. Mussoorie. Sept. 6. Altitude 7,000 feet.175110. No. 10376. *Kharbuza*. Saharanpur. Nov. 8.175111 to 175121. *CUCUMIS SATIVUS* L.

Cucumber.

*Khira*, a local name for cucumber.

175111. No. 9935. Mussoorie. Sept. 6. Altitude 7,000 feet.

175112. No. 10013. *Thati Katur*, Tehri. Sept. 26. Altitude 11,000 feet. Fruit cylindrical, 10 by 5 inches, brownish, firm, will keep for weeks.175113. No. 10048. *Pilgad*, Tehri. Oct. 2. Altitude 7,500 feet.175114. No. 10115. *Bhatwari*, Tehri. Oct. 5. Altitude 5,500 feet. Fruit brown, firm and a good keeper, 12 by 4½ inches. Unripe fruit slow to form seeds, even after attaining full growth.175115. No. 10139. *Naogaon*, Tehri. Oct. 12. Altitude 8,000 feet. Fruit 10 by 5 inches, yellow.175116. No. 10140. *Naogaon*, Tehri. Fruit gold-brown, 10 by 5 inches, keeps well when ripe.175117. No. 10147. *Agdra*, Tehri. Oct. 11. Altitude 7,000 feet. Fruit brown, elongate ovoid, 10 inches long.175118. No. 10209. *Kupra*, Tehri. Oct. 16. Altitude 8,000 feet. Fruit cylindrical, 12 by 5 inches, yellow.175119. No. 10218. *Tirkula*, Tehri. Oct. 16. Altitude 7,000 feet. Fruit cylindrical, 11 by 5 inches, yellow.175120. No. 10382. *Harwar*. Nov. 6.

175121. No. 10382. Saharanpur. Nov. 8.

175122. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 9573-A. *Kadu*. Sonsera, Nepal. July 26. Altitude 7,000 feet.

## 175035 to 175337—Continued

175123 to 175134. From the United Provinces.

175123. *CUCURBITA PEPO* L.

Pumpkin.

No. 10124. *Kadu*. Bankoli, Tehri. Oct. 9. Altitude 7,000 feet.175124 to 175126. *CUCURBITA MAXIMA* Duchesne.

Squash.

175124. No. 10135. *Kadu*. Pila, Tehri. Oct. 4. Altitude 6,000 feet.175125. No. 10136. *Kadu*. Bankoli, Tehri. Oct. 10. Fruit elongate, 25 by 10 inches, ashy, unribbed; not sweet but tasty; flesh  $2\frac{1}{2}$  inches thick and orange-colored.175126. No. 10137. *Kadu*. Agara, Tehri. Oct. 11. Altitude 7,000 feet. Fruit subovoid, 15 inches in diameter, ashy, unribbed.175127. *CUCURBITA MOSCHATA* Duchesne.

Cushaw.

No. 10138. *Kadu*. Naogaon, Tehri. Oct. 12. Altitude 8,000 feet. Fruit subovoid, 14 inches in diameter, buff-brown, faintly ribbed, not sweet but tasty.175128 to 175130. *CUCURBITA PEPO* L.

Pumpkin.

175128. No. 10166. *Kadu*. Khursali, Tehri. Oct. 13. Altitude 8,500 feet.175129. No. 10172. *Kadu*. Banasi, Tehri. Oct. 13. Altitude 8,000 feet. Mountain type.175130. No. 10184. *Kadu*. Bariya, Tehri. Oct. 19. Altitude 7,500 feet.175131. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

No. 9979. Gangi, Tehri. Sept. 21. Altitude 8,000 feet. Meadow grass 4 feet high.

175132. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

No. 9755. *Gajar*. Bareilly. Aug. 19.175133. *DELPHINIUM* sp. Ranunculaceae.

Larkspur.

No. 9732-A. Girgaon, Kumaon. June 6. Altitude 9,000 feet. Forest plant 5 feet high with large dull purplish blooms; attractive; medium hardy.

175134. *DIGITARIA BICORNIS* (Lam.) R. & S. Poaceae.No. 10053. Above Jaurah, Tehri. Oct. 3. Altitude 8,000 feet. Meadow grass, up to  $3\frac{1}{2}$  feet high.175135 to 175138. *DOLICHOS BIFLORUS* L. Fabaceae.175135. No. 9537-A. *Tama*. Tsaro, Nepal. July 2. Altitude 9,000 feet.

175136 to 175138. From Tehri, United Provinces.

175136. No. 9954. *Masur*. Sept. 14. Altitude 3,500 feet.175137. No. 9970. *Ghat*. Ghatgaon. Sept. 18. Altitude 5,500 feet.175138. No. 10047. *Ghat*. Pilgad. Oct. 2, 1949. Altitude 7,500 feet.

175139 to 175150. From the United Provinces.

175139. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae.

Ragi.

No. 9974. *Mundua*. Bhatgaon, Tehri. Sept. 18. Altitude 5,500 feet.175140. *EUONYMUS* sp. Celastraceae.

No. 10052. Above Jaurah, Tehri. Oct. 3. Altitude 8,000 feet. Hand-some bushy tree.

175141. *ERUCA SATIVA* Mill. Brassicaceae.

Rocket-salad.

No. 10389. *Taramira*. Saharanpur. Nov. 8. Yields fodder and oil.175142 to 175150. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae.

Buckwheat.

175142. No. 10248. *Ogal*. Kimdar, Tehri. Oct. 19. Altitude 6,500 feet.

## 175035 to 175337—Continued

## 175139 to 175150—Continued

## 175142 to 175150—Continued

175143. No. 9494—A. *Palti*. Marcha, Kumaon. July 10. Altitude 10,000 feet.
175144. No. 9500—A. *Palti*. Kuti, Kumaon. July 15. Altitude 10,000 feet.
175145. No. 9505—A. *Palti*. Gunji, Kumaon. July 16. Altitude 9,000 feet.
175146. No. 9647—A. *Balti*. Sirka, Kumaon. July 27. Altitude 8,500 feet.
175147. No. 10051. Above Jaurah, Tehri. Oct. 3. Altitude 8,000 feet. Wild plant averaging 5 feet high, occasionally up to 10 feet; blooms throughout summer, forms few seeds.
175148. No. 10079. *Oogal*. Mukpa, Tehri. Oct. 2. Altitude 8,000 feet.
175149. No. 10085. *Oogal*. Cholmo, Tehri. Altitude 8,000 feet.
175150. No. 10178. Bariya, Tehri. Oct. 14. Altitude 7,500 feet.

175151 to 175173. *FAGOPYRUM TATARICUM* (L.) Gaertn. **Kangra buckwheat.**

175151. No. 10100. *Pampar*. Sulki, Tehri, United Provinces. Oct. 3. Altitude 6,000 feet.
- 175152 to 175158. From Kumaon, United Provinces.
175152. No. 9425—A. *Papar*. Lashpa. June 14. Altitude 10,000 feet.
175153. No. 9474—A. *Brey*. Shela. July 8. Altitude 8,500 feet.
175154. No. 9478—A. *Brey*. Nagling. July 8. Altitude 9,000 feet.
175155. No. 9497—A. *Tichu*. Marcha. July 10. Altitude 10,000 feet.
175156. No. 9517—A. *Brey*. Nabi. July 19. Altitude 9,000 feet.
175157. No. 9527—A. *Palti*. Garbiang. July 20. Altitude 9,000 feet.
175158. No. 9528—A. *Brey*. Garbiang.
175159. No. 9595—A. *Pampar*. Rafla, Nepal. July 26. Altitude 8,000 feet.
- 175160 to 175173. From the United Provinces.
175160. No. 9627—A. *Papara*. Sirtang, Kumaon. July 27. Altitude 8,500 feet.
175161. No. 9641—A. *Kirch Brey*. Sirka, Kumaon. July 27. Altitude 8,000 feet.
175162. No. 9649—A. *Papar*. Sirka, Kumaon.
- 175163 to 175173. From Tehri.

175163. No. 10078. *Pampar*. Mukpa. Oct. 2. Altitude 8,000 feet.
175164. No. 10092. *Pampar*. Jalla. Oct. 3. Altitude 6,500 feet.
175165. No. 10083. *Pampar*. Cholmo. Oct. 2. Altitude 8,000 feet.
175166. No. 10104. *Pampar*. Uri. Oct. 3. Altitude 5,800 feet.
175167. No. 10187. *Pafar*. Durvili. Oct. 14. Altitude 7,500 feet.
175168. No. 10241. *Pafar*. Ponti. Oct. 18. Altitude 6,500 feet.
175169. No. 10255. *Pafar*. Koshala. Oct. 19. Altitude 7,500 feet.
175170. No. 10263. *Pafar*. Sar. Oct. 20. Altitude 7,500 feet.
175171. No. 10266. *Pafar*. Dingari. Oct. 20. Altitude 7,000 feet.
175172. No. 10292. *Chapara*. Sialuka. Oct. 22. Altitude 6,000 feet.
175173. No. 10293. *Pafara*. Sialuka. Oct. 22.



**175035 to 175337—Continued****175174 to 175199.** GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.****175174 to 175176.** From the United Provinces.

175174. No. 9405-A. Chisen, Kumaon. June 7. Altitude 6,000 feet.

175175. No. 9434-A. Paton, Kumaon. June 25. Altitude 8,000 feet.

175176. No. 9446-A. Chilkot, Kumaon. June 6. Altitude 8,000 feet.

175177. No. 9577-A. Tusera Pani, Nepal. July 26. Altitude 7,500 feet.

175178. No. 9592-A. Rafla, Nepal. July 26. Altitude 8,000 feet.

**175179 to 175199.** From the United Provinces.

175179. No. 9618-A. Sirtang, Kumaon. July 27. Altitude 8,500 feet.

**175180 to 175199.** From Tehri.

175180. No. 9972. Bhatgaon. Sept. 18. Altitude 5,500 feet.

175181. No. 10002. Toli. Sept. 25. Altitude 5,000 feet.

175182. No. 10005. Toli.

175183. No. 10010. Below Toli. Sept. 25. Altitude 4,500 feet. Planted along ricefields.

175184. No. 10068. Maleri. Oct. 3. Altitude 4,000 feet.

175185. No. 10073. Maleri.

175186. No. 10126. Bankoli. Oct. 9. Altitude 7,000 feet.

175187. No. 10144. Naogoan. Oct. 12. Altitude 8,000 feet.

175188. No. 10162. Khursali. Oct. 13. Altitude 8,500 feet.

175189. No. 10174. Banasi. Oct. 13. Altitude 8,000 feet.

175190. No. 10183. Bariya. Oct. 14. Altitude 7,500 feet.

175191. No. 10211. Tirkula. Oct. 16. Altitude 8,000 feet.

175192. No. 10234. Sornrul. Oct. 18. Altitude 6,000 feet.

175193. No. 10239. Ponti. Oct. 18. Altitude 6,500 feet.

175194. No. 10243. Kundar. Oct. 19. Altitude 6,500 feet.

175195. No. 10257. Koshala. Oct. 19. Altitude 7,500 feet.

175196. No. 10260. Sar. Oct. 20. Altitude 7,500 feet.

175197. No. 10283. Dogra. Oct. 22. Altitude 6,000 feet.

175198. No. 10294. Sialuka. Oct. 22. Altitude 6,000 feet.

175199. No. 10296. Jerali. Oct. 23. Altitude 7,000 feet.

**175200 to 175207.** From the United Provinces.**175200.** HIBISCUS CANNABINUS L. Malvaceae.**Kenaf.**No. 10359. *Patt Sann*. Kalsi, Dehra Dun. Nov. 6. Plant about 12 feet high.**175201.** HIPPOPHAE RHAMNOIDES L. Elaeagnaceae.**Common sea-buckthorn.**

No. 10189. Madhis, Tehri. Oct. 15. Altitude 7,500 feet. Ornamental tree 2 feet or more in diameter with an abundance of orange-yellow fruit on thin branches.

**175202.** IMPATIENS GLANDULIFERA Arnott. Balsaminaceae. **Snapweed.**

No. 9980. Gangi, Tehri. Sept. 20. Altitude 8,000 feet. Bushy plant up to 10 feet high, with handsome rose-colored flowers 2 inches across.

## 175035 to 175337—Continued

## 175200 to 175207—Continued

175203 to 175207. *JUGLANS REGIA* L. Juglandaceae. **Persian walnut.**

From Tehri.

175203. No. 10224. *Akor*. Waziragarh. Oct. 17. Altitude 6,000 feet. Cultivated; picked green. Large paper-shelled variety.175204. No. 10225. *Akor*. Above Samant. Oct. 17. Altitude 9,000 feet. Handsome forest tree; nut usually very hard.175205. No. 10280. *Akor*. Barsali. Oct. 21. Altitude 8,000 feet. Good quality.

175206. No. 10281. Dogra. Oct. 22. Altitude 6,000 feet. Good quality.

175207. No. 10290. *Akor*. Sialuka. Oct. 22. Altitude 6,000 feet. Good quality.175208. *JUNIPERUS MACROPODA* Boiss. Pinaceae.**Juniper.**

No. 10559. Kyalang, Lahul, eastern Punjab; altitude 10,000 feet. Forest tree.

175209 to 175217. From the United Provinces.

175209. *LACTUCA LONGIFOLIA* DC. Asteraceae.**Lettuce.**

No. 10107. Pila, Tehri. Oct. 4. Altitude 6,000 feet. Plant 3½ feet or 4 feet high.

175210. *LINUM USITATISSIMUM* L. Linaceae.**Flax.**No. 10385. *Alsi*. Saharanpur. Nov. 8.175211. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae.**Singkwa towelgourd.**No. 9910. *Toriya*. Dehra Dun. Aug. 31. Eaten when young.175212. *MECONOPSIS* sp. Papaveraceae.

No. 10032. Chitona, Tehri. Sept. 29. Altitude 11,000 feet.

175213. *MOMORDICA CHARANTIA* L. Cucurbitaceae.**Balsam-pear.**No. 9911. *Karila*. Dehra Dun. Aug. 31. Fruits medium size, mildly bitter.175214. *MORINA* sp. Dipsacaceae.

No. 10033. Chitona, Tehri. Sept. 27. Altitude 11,000 feet. Perennial, 2½ feet high with handsome fragrant pink flowers.

175215. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae.**Yam-bean.**

No. 9771. Bareilly. Aug. 20.

175216 and 175217. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**175216. No. 9800. *Kash Kash*. Dehra Dun. Aug. 24. Oilseed.175217. No. 10372. *Postdana*. Saharanpur. Nov. 8. Oilseed.175218 to 175225. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae.**Green perilla.**

Seeds a source of oil.

175218. No. 9539-A. Tsaro, Nepal. July 21.

175219 to 175225. From the United Provinces.

175219. No. 9661-A. *Bhangiri*. Sosa, Kumaon. July 29. Altitude 8,500 feet.

175200 to 175225. From Tehri.

175220. No. 10001. *Bhangiri*. Toli. Sept. 25. Altitude 5,000 feet. Bushy plants 4 feet high.175221. No. 10016. *Bhanjir*. Thati Katur. Sept. 26. Altitude 4,500 feet.

**175035 to 175337—Continued****175218 to 175225—Continued****175219 to 175225—Continued**175222. No. 10040. *Bhanjir*. Jaurah. Sept. 30. Altitude 7,000 feet.175223. No. 10043. *Bhanjir*. Pilgad. Oct. 2. Altitude 7,500 feet.175224. No. 10122. *Bhanjir*. Bankoli. Oct. 9. Altitude 7,000 feet.175225. No. 10213. *Bhanjira*. Tirkula. Oct. 16. Altitude 7,000 feet.**175226 to 175233. PISUM SATIVUM L. Fabaceae.****Pea.****175226 to 175230. From the United Provinces.**175226. No. 9491-A. *Kalung*. Marcha, Kumaon. July 10. Altitude 10,000 feet.175227. No. 9518-A. *Kashi*. Nabi, Kumaon. July 19. Altitude 9,000 feet.175228. No. 9523-A. *Shratma*. Originally from Takhlakot, Tibet. July 19.175229. No. 9554-A. *Kolung*. Sankola, Kumaon. July 24. Altitude 8,000 feet.175230. No. 9562-A. *Kolung*. Galla, Kumaon. July 25. Altitude 8,000 feet.175231. No. 9581-A. *Kolung*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet.175232. No. 9949. *Matar*. Tehri, Tehri, United Provinces. Sept. 14. Altitude 3,500 feet.175233. No. 10387. *Matar*. Saharanpur, United Provinces. Nov. 8.**175234 to 175240. PHASEOLUS ANGULARIS (Willd.) W. F. Wight.****Fabaceae.****Adsuki bean.**175234. No. 9538-A. *Sokma*. Tsaro, Nepal. July 21. Altitude 9,000 feet. Food crop.175235. No. 9600-A. *Sota*. Rafia, Nepal. July 26. Altitude 8,000 feet.**175236 to 175240. From the United Provinces.**175236. No. 9653-A. *Sirka*, Kumaon. July 27. Altitude 8,500 feet.175237. No. 10179. *Sonta*. Bariya, Tehri. Oct. 14. Altitude 7,500 feet.175238. No. 10244. *Safed Dal*. Kundar, Tehri. Oct. 19. Altitude 6,500 feet.175239. No. 10258. *Sheta Dal*. Koshala, Tehri. Oct. 19. Altitude 7,500 feet.175240. No. 10261. *Sheta Dal*. Sar, Tehri. Oct. 20. Altitude 7,500 feet.**175241. PHASEOLUS AUREUS Roxb.****Mung bean.**No. 9953. *Mung*. Tehri, Tehri, United Provinces. Sept. 14. Altitude 3,500 feet.**175242. PHASEOLUS LUNATUS L.****Lima bean.**

No. 10364. Saharanpur, United Provinces. Nov. 8.

**175243 to 175251. PHASEOLUS MUNGO L.****Urd.**175243. No. 9435-A. *Mash*. Patori, Kumaon, United Provinces. June 25. Altitude 8,000 feet.175244. No. 9572-A. *Mash*. Sonsera, Nepal. July 26. Altitude 7,000 feet.175245. No. 9583-A. *Mash*. Tusera Pani, Nepal. July 26. Altitude 7,500 feet.175246. No. 9598-A. *Mash*. Rafia, Nepal. July 26. Altitude 8,000 feet.

## 175035 to 175337—Continued

## 175243 to 175251—Continued

175247 to 175251. From the United Provinces.

175247. No. 9925. *Mash*. Mussoorie. Sept. 4. Altitude 7,000 feet.175248. No. 9969. *Ghatgaon*, Tehri. Sept. 18. Altitude 5,500 feet.175249. No. 10014. *Urud*. Thati Katur, Tehri. Sept. 26. Altitude 4,500 feet.175250. No. 10058. *Urud*. Uttarkashi, Tehri. Oct. 2. Altitude 3,500 feet.175251. No. 10347. *Urud*. Hardwar. Nov. 6.175252 to 175279. *PHASEOLUS VULGARIS* L.

Common bean.

From the United Provinces.

175252. No. 9438-A. *Shueta*. Koltum, Kumaon. June 26. Altitude 8,000 feet.175253. No. 9459-A. *Shueta*. Sumdum, Kumaon. July 5. Altitude 8,000 feet.175254. No. 9619-A. *Shueta*. Sirtang, Kumaon. July 27. Altitude 8,500 feet.175255. No. 9870. *Muti*. Dehra Dun. Aug. 28.175256. No. 9940. *Sem*. Jalki. Sept. 10. Altitude 7,000 feet.

175257 to 175273. From Tehri.

Known locally as *chimi*.

175257. No. 9960. Tehri. Sept. 14. Altitude 3,500 feet.

175258. No. 9971. Bhatgaon. Sept. 18. Altitude 5,500 feet.

175259. No. 9984. Gangi. Sept. 21. Altitude 8,000 feet. Pole type.

175260. No. 10026. Urni. Sept. 27. Altitude 8,000 feet. Pole type.

175261. No. 10087. Harsil. Oct. 2. Altitude 7,000 feet.

175262. No. 10096. Suki. Oct. 3. Altitude 6,000 feet.

175263. No. 10157. Bifa. Oct. 13. Altitude 8,000 feet. Cold-tolerant.

175264. No. 10165. Khursali. Oct. 13. Altitude 8,500 feet. Cold-tolerant.

175265. No. 10168. Khursali.

175266. No. 10171. Banasi. Oct. 13. Cold-tolerant.

175267. No. 10185. Durvili. Oct. 14.

175268. No. 10195. Waziragarh. Oct. 15. Altitude 6,000 feet.

175269. No. 10227. Raytal. Oct. 5. Altitude 7,000 feet.

175270. No. 10228. Samaul. Oct. 18. Altitude 6,000 feet.

175271. No. 10233. Ponti. Oct. 18. Altitude 6,500 feet.

175272. No. 10252. Koshala. Oct. 19. Altitude 7,500 feet.

175273. No. 10268. Dingari. Oct. 20. Altitude 7,000 feet.

175274 to 175277. *Frasbin*. Hardwar.

175274. No. 10346. Nov. 6. 175276. No. 10352.

175275. No. 10348. 175277. No. 10355.

175278. No. 10360. *Frasbin*. Saharanpur. Nov. 8.

175279. No. 10363. Saharanpur. Nov. 8.

## 175280 to 175285. From the United Provinces.

175280. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

No. 9995. Above Luni, Tehri. Sept. 23. Altitude 8,000 feet. Growing in openings above forest.

## 175035 to 175337—Continued

## 175280 to 175285—Continued

175281. *PLANTAGO OVATA* Forsk. Plantaginaceae. Plantain.

No. 9936. *Isaphgol*. Mussoorie. Sept. 6. Altitude 7,000 feet.

175282. *POA* sp. Poaceae.

No. 10129. Diar, Tehri. Oct. 9. Altitude 12,000 feet.

175283. *PRINSEPIA UTILIS* Royle. Rosaceae.

No. 10245. *Bekal*. Kundar, Tehri. Oct. 19. Altitude 6,500 feet. Shrub about 8 feet high; seeds a source of oil.

175284. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.

No. 9377-A. *Kumani*. Someswar, Kumaon. June 1. Altitude 5,000 feet. Fruits 1 inch in diameter, stringy, sweet.

175285. *PRUNUS* sp.

No. 10034. Chitona, Tehri. Altitude 10,000 feet. Tree with cream-colored flowers and black fruits.

175286 to 175291. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

175286. No. 9428-A. Rahlam, Kumaon, United Provinces. June 19. Altitude 10,000 feet. Root top-shaped, white; winter type.

175287. No. 9485-A. *Labuk*. Bona, Kumaon, United Provinces. July 9. Altitude 9,000 feet. White winter type.

175288. No. 9503-A. *Labuk*. Kuti, Kumaon, United Provinces. July 15. Altitude 10,000 feet.

175289. No. 9574-A. *Tsata*. Sonsera, Nepal. July 26. Altitude 7,000 feet. Winter type.

175290. No. 9603-A. *Lafi*. Rafla, Nepal. July 26. Altitude 8,000 feet. Probably winter type.

175291. No. 10059. *Muli*. Uttarkashi, Tehri, United Provinces. Oct. 2. Altitude 3,500 feet.

175292 to 175302. From the United Provinces.

175292. *RIBES* sp. Saxifragaceae.

No. 9997. Above Genwali, Tehri. Sept. 23. Altitude 10,000 feet. Forest bush with long thin branches up to 8 feet in length; fruit edible.

175293. *ROSA* sp. Rosaceae. Rose.

No. 9514-A. Gunji, Kumaon. July 18. Altitude 9,000 feet. Bush 6 feet tall; flowers white to cream-white, 2 to 2¼ inches across, fragrant. Young shoots have handsome, thick, red thorns.

175294. *ROTTBOELLIA EXALTATA* L. f. Poaceae. Itchgrass.

No. 10306. Perola, Tehri. Oct. 24. Altitude 4,000 feet.

175295. *RUBUS* sp. Rosaceae.

No. 9403-A. Pass above Girgaon, Kumaon. June 7. Altitude 9,000 feet. Bush 2 to 2½ feet high, growing in forest; flowers rose-purplish; fruit yellow.

175296. *RUBUS* sp. Raspberry.

No. 9419-A. Bogudiar, Kumaon. June 11. Altitude 7,000 feet. Creeping in damp places; flowers 1 inch across, white; fruit translucent, scarlet, acid.

175297. *RUBUS* sp.

No. 9429-A. Patori, Kumaon. June 25. Altitude 8,000 feet. Canes 5 feet long, weakly armed; fruit orange-red, ½ inch in diameter.

175298. *RUBUS* sp.

No. 9378-A. Above Someswar, Garhwal. June 1.

## 175035 to 175337—Continued

## 175292 to 175302—Continued

175299. *RUBUS* sp.

No. 9461—A. Sumdum, Kumaon. July 5. Altitude 8,000 feet. Canes weak, 4 feet long; flowers rose-purple; fruits red with few and separable carpels.

175300. *RUBUS* sp.

No. 9613—B. Rungling Pass, Kumaon. July 27. Altitude 10,000 feet. Canes about 4 feet long; fruits numerous, up to  $\frac{3}{4}$  inch across, deep-crimson, of good flavor.

175301. *SENECIO* sp. Asteraceae.

No. 9998. Above Genwali, Tehri. Sept. 24. Altitude 10,000 feet. Flowers yellow.

175302. *SENECIO* sp.

No. 10034—A. Chitona, Tehri. Sept. 29. Altitude 10,000 feet.

175303 to 175309. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

Known locally as *til*.

## 175303. No. 9567—A. Sonsera, Nepal. July 26. Altitude 7,000 feet.

## 175304 to 175309. From the United Provinces.

175304. No. 10067. Maleri, Tehri. Oct. 3. Altitude 4,000 feet.

175305. No. 10274. Barsali, Tehri. Oct. 21. Altitude 8,000 feet.

175306. No. 10298. Jerali, Tehri. Oct. 23. Altitude 7,000 feet. Upper limit of species.

175307. No. 10349. Hardwar. Nov. 6.

175308. No. 10373. Saharanpur. Nov. 8.

175309. No. 10383. Saharanpur. Nov. 8.

## 175310 to 175333. From the United Provinces.

175310. *SMILAX* sp. Liliaceae.

Greenbrier.

No. 10199. Madhis, Tehri. Oct. 15. Altitude 7,500 feet. Shrub in dense forest, 2 feet high.

175311 to 175313. *SPINACIA OLERACEA* L. Chenopodiaceae.

Spinach.

175311. No. 10054. *Palak*. Uttarkashi, Tehri. Oct. 2. Altitude 3,500 feet.

175312. No. 10076. *Palak*. Mukpa, Tehri. Oct. 2. Altitude 8,000 feet.

175313. No. 10325. *Palak*. Doggaon, Tehri. Nov. 1. Altitude 3,500 feet.

175314. *SORBUS* sp. Malaceae.

No. 9996. Above Luni, Tehri. Sept. 23. Altitude 10,000 feet. Large forest tree.

175315. *SORBUS* sp.

No. 10030. Chitona, Tehri. Sept. 29. Altitude 10,000 feet. A bush up to 15 feet high with abundant purplish flowers and whitish fruits.

175316. *SORGHUM VULGARE* Pers. Poaceae.

No. 9958. *Mal Giunra*. Tehri, Tehri. Sept. 14. Altitude 3,500 feet.

175317. *TAXUS BACCATA* L. Taxaceae.

English yew.

No. 10035. Above Jaurah, Tehri. Sept. 30. Altitude 10,000 feet. Forest tree.

175318. *THEMEDA TRIANDRA* Forsk. Poaceae.

Rooi grass.

No. 10191. Above Naogaon, Tehri. Oct. 10.

## 175035 to 175337—Continued

## 175310 to 175333—Continued

175319. *TRADESCANTIA* sp. Commelinaceae.No. 9939. Mussoorie. Sept. 10. Altitude 7,000 feet. Flowers clear bright blue,  $1\frac{1}{4}$  inches across.175320. *FRAGARIA* sp. Rosaceae.

Strawberry.

No. 9402-A. Pass above Girgaon, Kumaon. June 7. Altitude 9,000 feet. Fruits 1 to 3,  $\frac{1}{2}$  inch in diameter, crimson becoming darker.175321. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

No. 10380. *Mehti*. Saharanpur. Nov. 8.175322. *VICIA CRACCA* L. Fabaceae.

Cow vetch.

No. 10106. *Pila*, Tehri. Oct. 4. Altitude 6,000 feet.175323. *VICIA FABA* L.

Broadbean.

No. 10361. Saharanpur. Nov. 8.

175324. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

No. 10279. *Sonta*. Barsali, Tehri. Oct. 21. Altitude 8,000 feet.175325 and 175326. *VIGNA CYLINDRICA* (L.) Skeels.

Catjang.

175325. No. 10358. *Labidal*. Hardwar. Nov. 6.175326. No. 10378. *Rongi*. Saharanpur. Nov. 6.175327 to 175332. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

175327. No. 9951. *Lobia*. Tehri, Tehri. Sept. 14. Altitude 3,500 feet.175328. No. 10161. *Sonta*. Khursali, Tehri. Oct. 13. Altitude 8,500 feet.175329. No. 10196. *Sonta*. Waziragarh, Tehri. Oct. 15. Altitude 6,000 feet.175330. No. 10343. *Ramadal*. Hardwar. Nov. 6.175331. No. 10356. *Safed Dal*. Hardwar. Nov. 6.175332. No. 10377. *Rongi*. Saharanpur. Nov. 8.175333. *VIGNA CYLINDRICA* (L.) Skeels.

Catjang.

No. 10381. *Rongi*. Saharanpur. Nov. 8.175334 to 175337. *ZEA MAYS* L. Poaceae.

Corn.

175334. No. 9582-A. Tusera Pani, Nepal. Nov. 26. Altitude 7,500 feet.

175335. No. 9648-A. *Gogha*. Sirka, Kumaon, United Provinces. July 27. Altitude 8,500 feet.175336. No. 9703-A. *Makki*. Almora, United Provinces. Aug. 11. Altitude 7,000 feet.175337. No. 10086. *Chelli*. Cholmo, Tehri, United Provinces. Oct. 7. Altitude 8,000 feet.175338 to 175343. *BROMUS* spp. Poaceae.

From Norway. Seeds presented by J. R. Nissen, Vollebekke. Received Feb. 24, 1949.

175338 to 175341. *BROMUS INERMIS* LEYSS.

Smooth brome-grass.

175338. No. 1.

175340. No. 3.

175339. No. 2.

175341. No. 4.

175342. *BROMUS* sp.175343. *BROMUS* sp.

**175344 to 175383. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by Perbos Fils, St. Etienne. Received Feb. 25, 1949.

175344. <i>Angevine O Berlin.</i>	175364. <i>Galibert 114-12.</i>
175345. <i>Chambeaudiere 1330.</i>	175365. <i>Galibert 256-28.</i>
175346. <i>Chambeaudiere 1337.</i>	175366. <i>Galibert 128-6.</i>
175347. <i>Chambeaudiere 1391.</i>	175367. <i>Galibert 233-36.</i>
175348. <i>Couderc 17.</i>	175368. <i>Galibert 221-32.</i>
175349. <i>Couderc 18.</i>	175369. <i>Galibert 128-22.</i>
175350. <i>Couderc 299-35.</i>	175370. <i>Galibert 162-4.</i>
175351. <i>Galibert 138-8.</i>	175371. <i>Galibert 255-5.</i>
175352. <i>Galibert 129-1.</i>	175372. <i>Galibert 115-24.</i>
175353. <i>Galibert 114-10.</i>	175373. <i>Maurice Perbos 82.</i>
175354. <i>Galibert 127-9.</i>	175374. <i>Maurice Perbos 151.</i>
175355. <i>Galibert 122-31.</i>	175375. <i>Maurice Perbos 155.</i>
175356. <i>Galibert 114-3.</i>	175376. <i>Maurice Perbos 157.</i>
175357. <i>Galibert 114-6.</i>	175377. <i>Maurice Perbos 160.</i>
175358. <i>Galibert 127-10.</i>	175378. <i>Maurice Perbos 164.</i>
175359. <i>Galibert 217-34.</i>	175379. <i>Rudelin 6-55.</i>
175360. <i>Galibert 128-11.</i>	175380. <i>Rudelin 6-96.</i>
175361. <i>Galibert 261-13.</i>	175381. <i>Rudelin 15.</i>
175362. <i>Galibert 261-12.</i>	175382. <i>Rudelin 17-5.</i>
175363. <i>Galibert 133-6.</i>	175383. <i>Rudelin 219-1.</i>

**175384 to 175386. ELAEIS GUINEENSIS Jacq. Phoenicaceae.****African oil palm.**

From Nigeria. Seeds presented by the Oil Palm Research Station, Benia. Received Feb. 4, 1949.

175384. *Dura* × *Dura*.  
 175385. *Dura* × *Pisifera*.  
 175386. *Dura* × *Tenera*.

**175387. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From France. Plants presented by the Lepage Cie., Angers. Received Mar. 2, 1949.

*Bererd.*

**175388. BETA VULGARIS L. Chenopodiaceae.****Beet.**

From England. Seeds presented by Charles Sharpe & Company, Sleaford, Lincolnshire. Received Mar. 2, 1949.

*English Klein.*

**175389. HORDEUM DISTICHON L. Poaceae.****Barley.**

From Argentina. Seeds presented by the Instituto de Fitotecnica, Castelar. Received Mar. 2, 1949.

*Malteria Heda* (Klein Bb. 7500) D. I. V. 1376. 47-1717.

**175390. BETA VULGARIS L. Chenopodiaceae.****Beet.**

From Germany. Seeds presented through G. H. Coons, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 4, 1949.

*Rabbethge and Giesecke Type E.*



**175391. PRUNUS AVIUM L. Rosaceae. Sweet cherry.**

From Germany. Scions presented by the Office of Military Government, United States Army, Munich. Received Mar. 10, 1949.

**175392 and 175393. SACCHARUM. Poaceae. Sugarcane.**

From the British West Indies. Cuttings presented by the Department of Sciences and Agriculture, Bridgetown, Barbados. Received Feb. 28, 1949.

175392. B-4-3341.

175393. B-3439.

**175394 to 175446. SOLANUM spp. Solanaceae.**

From Germany. Seeds presented by the Kaiser-Wilhelm-Institut, Voldagsen Uber Elze, Hameln. Received Feb. 28, 1949.

175394 to 175396. SOLANUM ACAULE Bitter.

175394. 21/140/8.

175395. 48/502/33.

175396. 10/126/4.

175397 and 175398. SOLANUM ANTIPOVICHII Bukasov.

175397. 48/507/1.

175398. 48/507/81.

175399. SOLANUM CATARTHURUM Juzepchuk.

6/23/8.

175400 to 175402. SOLANUM CHACOENSE Bitter.

175400. 13/149/2.

175401. 13/149/5.

175402. 13/149/6.

175403 to 175411. SOLANUM DEMISSUM Lindl.

175403. 48/613/1.

175408. 48/519/33.

175404. 48/613/28.

175409. 48/519/34.

174405. 48/611/8.

175410. B 48/169.

175406. 48/611/36.

175411. 48/533/144.

175407. 48/519/23.

175412 to 175433. SOLANUM.

175412. *Solanum antipovichii* × *Ostbote*; 48-507-84 × *Ostbote*.

175413. (*Solanum antipovichii* × *Erika*) × *s*; 5-138-3.

175414. *Solanum antipovichii* × *chacoense*; 48-507-87 × 13-149-6.

175415. *Solanum catarthrum* × *Panther*; 6-23-8 × *Panther*.

175416. *Solanum chacoense* × *Aquila*; 13-149-5 × *Aquila*.

175417. (*Falke* × *Solanum chacoense* Var. *Siambon*) × *s*; B47-563.

175418. (*Solanum chacoense* Var. *Lima* × *Pepo*) × *Flava*; B47-564.

175419. *Solanum chacoense* × *catarthrum*; 13-149-2 × 6-23-8.

175420. (*Solanum cordobense* × *Aquila*) × *s*; B48-177.

175421. *Solanum demissum* Var. *Bukasov* × *Ostbote*; 48-613-30 × *Ostbote*.

175422. *Solanum demissum* Var. *El Desierto* × *Ostbote*; 48-611-17 × *Ostbote*.

175423. *Solanum demissum* Var. *El Desierto* × *Ostbote*; 48-611-36 × *Ostbote*.

## 175394 to 175446—Continued

## 175412 to 175433—Continued

175424. *Solanum demissum* Var. *Reddick 521*  $\times$  *Ostbote*; 48-519-36  $\times$  *Ostbote*.

175425. *Solanum chacoense*  $\times$  [(*Ackersegen*  $\times$  *Solanum polyadenium* 4n)  $\times$  s]; 13-149-1  $\times$  20-157-4.

175426. *Solanum chacoense*  $\times$  [(*Ackersegen*  $\times$  *Solanum polyadenium* 4n)  $\times$  s]; 13-149-2  $\times$  20-157-4.

175427. *Solanum chacoense*  $\times$  [(*Ackersegen*  $\times$  *Solanum polyadenium* 4n)  $\times$  s]; 15-118-7  $\times$  12-157-7.

175428. [(*Ackersegen*  $\times$  *Solanum polyadenium* 4n)  $\times$  *Solanum chacoense* 4n]  $\times$  (*Solanum chacoense*  $\times$  *phureja*)  $\times$  *Carnea*; B48-91.

175429. [(*Ackersegen*  $\times$  *Solanum polyadenium* 4n)  $\times$  *Solanum chacoense* 4n]  $\times$  s; B48-07.

175430. [(*Ackersegen*  $\times$  *Solanum polyadenium*)  $\times$  *Solanum chacoense* 4n]  $\times$  *Aquila*; B48-98.

175431. *Solanum chacoense*  $\times$  *demissum* Var. *Reddick 521*; 681.

175432. *Solanum chacoense*  $\times$  *demissum* Var. *Reddick 521*; 682.

175433. *Solanum chacoense*  $\times$  *demissum* Var. *Reddick 521*; 684.

## 175434 and 175435. SOLANUM MACOLAE Bukasov.

175434. 715.

175435. 723.

## 175436 to 175438. SOLANUM.

175436. *Solanum chacoense*  $\times$  *tuberosum*; 109.

175437. *Solanum chacoense*  $\times$  *macolae*  $\times$  *tuberosum*; 119.

175438. *Solanum chacoense*  $\times$  *demissum* Var. *Reddick*; 521.

## 175439 to 175443. SOLANUM CHACOENSE Bitter.

A resistant strain that was selfed.

175439. 428.

175442. 435.

175440. 432.

175443. 443.

175441. 434.

## 175444. SOLANUM POLYADENIUM Greenm.

239.

## 175445. SOLANUM.

*Ackersegen*  $\times$  *Solanum polyadenium*.

## 175446. SOLANUM CHACOENSE Bitter.

300. Treated with colchicine.

## 175447 to 175455.

From Israel. Cuttings presented by the Department of Agriculture, Rehovot  
Received Mar. 2, 1949.

175447. OLEA sp. Oleaceae.

175448. OLEA sp.

175449 to 175451. PRUNUS ARMENIACA L. Rosaceae.

Apricot.

175449. *Alaivi*.

175450. *Biadi*.

175451. *Mustakawi*.

**175447 to 175455—Continued**175452 to 175455. *VITIS VINIFERA* L. Vitaceae.

European grape.

175452. *Ballouty*.175454. *Eununi*.175453. *Dabouki*.175455. *Shami*.**175456 to 175461. *Gossypium*. Malvaceae.****Cotton.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 3, 1949.

175456. No. 5198. *Geyve*, Kocaeli.175457. No. 5208. *Kinik*, Izmir.175458. No. 5953. *Biga*, Canakkale. Dark-colored type.175459. No. 5975. *Akala*. *Biga*, Canakkale.175460. No. 6005. *Akala*. *Urfa*, *Urfa*.175461. No. 6093. *Akala*. *Tepecik Citftligi*, *Salihli*, *Manisa*.**175462. *Linum usitatissimum* L. Linaceae.****Flax.**

From England. Seeds presented by the Norfolk Flax Establishment, Norfolk. Received Mar. 3, 1949.

*Norfolk Princess*.**175463 to 175472. *Linum usitatissimum* L. Linaceae.****Flax.**

From Ireland. Seeds presented by the Ministry of Agriculture, Belfast. Received Mar. 3, 1949.

175463. *Textilschick*.

175468. U. S. S. R. 1288/12 (1943).

175464. U. S. S. R. No. 1 (1946).

175469. *Stakhanovets*.175465. *Stakhanovets* (1946).

175470. U. S. S. R. No. 1 (1943).

175466. U. S. S. R. 1288/12 (1946).

175471. *Textilschick* (1944).

175467. U. S. S. R. No. 2 (1946).

175472. U. S. S. R. No. 2 (1942).

**175473 to 175476. *Linum usitatissimum* L. Linaceae.****Flax.**

From Ireland. Seeds presented by the Plant Breeding Division, Stormont. Received Mar. 3, 1949.

175473. No. 1. *Cirrus* S. 6/223.175475. No. 3. *Motley*.175474. No. 2. *Gossamer* L 26/65.175476. No. 4. *Textilschick*.**175477 to 175485. *Linum usitatissimum* L. Linaceae.****Flax.**

From France. Seeds obtained from Versailles by the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 3, 1949.

175477. *Prieknli* 665.175482. *Percello*.175478. *Dotnuvos Ilgunelaia* II 4.175483. *Szekacs 14-De Hongrie*.175479. *Rota* II.175484. *Svalo Atlaslin De Suede*.175480. *Concurrent* 80-5.175485. *Maroc Du Maroc*.175481. *Formosa*.**175486 to 175488.**

From the Union of South Africa. Stolons presented by the American Legation, Pretoria, Transvaal. Received Mar. 3, 1949.

175486. *Acroceras macrum* Stapf. Poaceae.175487. *Digitaria swazilandensis* Stent. Poaceae.175488. *Setaria splendida* Stapf. Poaceae.

**175489 to 175498. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings and roots presented by the Urbana Wine Co., Inc.,  
Urbana, New York. Received Mar. 4, 1949.

175489. No. 10417. (Cuttings).	175494. No. 13053. (Roots.)
175490. No. 11342. (Roots.)	175495. No. 14639. (Roots.)
175491. No. 5860. (Roots.)	175496. No. 12583. (Cuttings.)
175492. No. 14665. (Cuttings.)	175497. No. 7157. (Cuttings.)
175493. No. 13770. (Cuttings.)	175498. No. 2653. (Cuttings.)

**175499 to 175540.**

From Finland. Seeds presented by the Division of Plant Breeding, Jokioinen.  
Received Mar. 4, 1949.

175499. MEDICAGO SATIVA L. Fabaceae. <i>Jokioinen.</i>	<b>Alfalfa.</b>
175500. TRIFOLIUM HYBRIDUM L. Fabaceae. <i>Tammisto.</i>	<b>Alsike clover.</b>
175501 and 175502. HORDEUM DISTICHON L. Poaceae. 175501. <i>Helmi.</i> 175502. <i>Louhi.</i>	<b>Barley.</b>
175503 to 175505. HORDEUM VULGARE L. 175503. <i>Olli.</i> 175504. <i>Pertun.</i> 175505. <i>Tammi.</i>	
175506. HORDEUM DISTICHON L. <i>Vankkuri.</i>	
175507. LINUM USITATISSIMUM L. Linaceae. <i>Martta.</i>	<b>Flax.</b>
175508 and 175509. FESTUCA ELATIOR L. Poaceae. 175508. <i>Paavo.</i> 175509. <i>Tammisto.</i>	<b>Meadow fescue.</b>
175510 to 175513. SECALE CEREALE L. Poaceae. 175510. <i>Ensi.</i> 175511. <i>Onni.</i>	<b>Rye.</b>
	175512. <i>Pekka.</i> 175513. <i>Toivo.</i>
175514 to 175522. TRITICUM AESTIVUM L. Poaceae. 175514 to 175518. Winter type. 175514. <i>Olympia.</i> 175515. <i>Panu.</i> 175516. <i>Pohjola.</i>	<b>Common wheat.</b>
	175517. <i>Sampo.</i> 175518. <i>Varma.</i>
175519 to 175522. Spring type. 175519. <i>Hopea.</i> 175520. <i>Kimmo.</i>	175521. <i>Sopu.</i> 175522. <i>Tammi.</i>
175523 to 175528. AVENA SATIVA L. Poaceae. 175523. <i>Eno.</i> 175524. <i>Esa.</i> 175525. <i>Kyto.</i>	<b>Common oats.</b>
	175526. <i>Simo.</i> 175527. <i>Sisu.</i> 175528. <i>Tammi.</i>

**175499 to 175540—Continued**

175529 to 175534. *PISUM SATIVUM* L. Fabaceae. Pea.

175529. *Artturi*. 175532. *Koivisto*.

175530. *Ilo*. 175533. *Paula*.

175531. *Kalva*. 175534. *Sinikka*.

175535 to 175538. *PHLEUM PRATENSE* L. Poaceae. Timothy.

175535. *Jokioinen*. 175537. *Tammisto*.

175536. *Lappi*. 175538. *Tarmo*.

175539 and 175540. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.

175539. *Jokioinen*.

175540. *Tammisto*.

**175541. *Gossypium*. Malvaceae. Cotton.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 7, 1949.

No. 9579. Government cotton gin, Sakarya, Eskisehir. Sept. 29, 1948.

**175542 to 175555.**

From England. Scions presented by the Agricultural and Horticultural Research Station, Long Ashton, Bristol. Received Mar. 7, 1949.

175542 to 175553. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.

175542. *Dufflin*. 175548. *Tardive Forestier*.

175543. *Hereford Redstreak*. 175549. *Teign Harvey*.

175544. *Nehou*. 175550. *Tremblets Bitter*.

175545. *Royal Jersey*. 175551. *Twistbody Jersey*.

175546. *Sherrington Norman*. 175552. *Vagnon Ascher*.

175547. *Silvercup*. 175553. *White Jersey*.

175554 and 175555. *PYRUS COMMUNIS* L. Malaceae. Pear.

175554. *Bristol*.

175555. *Cheltenham*.

**175556 to 175558. *Sesamum indicum* L. Pedaliaceae. Sesame.**

From India. Seeds presented by the Oilseeds Specialist, Coimbatore, Madras. Received Mar. 9, 1949.

175556. *Gingelly* TMV 1.

175557. *Gingelly* TMV 2.

175558. *Gingelly* TMV 3.

**175559 to 175984.**

From Turkey. Collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 7, 1949.

Collected in 1948. Received as seeds unless otherwise noted.

175559 to 175568. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.

175559. No. 6008. Urfa, Urfa. Oct. 23. Local type.

175560. No. 6025. Urfa, Urfa. Oct. 23.

175561. No. 5946. Biga, Canakkale. Oct. 23.

175562. No. 8807. Seed dealer, Elazig, Elazig. Sept. 15.

## 175559 to 175984—Continued

## 175559 to 175568—Continued

175563. No. 9049. *Ufak*. Market, Yozgat, Yozgat. Sept. 20.  
 175564. No. 9082. Seed dealer, Kirsehir, Kirsehir.  
 175565. No. 9103. *Cicek*. Seed dealer, Kayseri, Kayseri. Sept. 21. Originally from Amasya, Amasya.  
 175566. No. 9110. Kayseri, Kayseri. Originally from Adana, Seyhan.  
 175567. No. 9180. Kayseri, Kayseri. Local type.  
 175568. No. 9713. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

175569 to 175576. *ALLIUM CEPA* L. Liliaceae.

Onion.

175569. No. 5386. Boyabat, Sinop. Sept. 25.  
 175570. No. 5768. Ayvacik, Canakkale. Oct. 18.  
 175571. No. 6017. Karaca, Urfa. Oct. 23.  
 175572. No. 6098. *Guveri*. Kula, Manisa. Oct. 26.  
 175573. No. 8869. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 175574. No. 9052. Vegetable market, Yozgat, Yozgat. Sept. 20.  
 175575. No. 9073. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
 175576. No. 9723. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

175577 and 175578. *ALLIUM PORRUM* L.

Leak.

175577. No. 9118. Seed dealer, Kayseri, Kayseri. Sept. 21. Dark-colored type.  
 175578. No. 9164. Seed dealer, Kayseri, Kayseri. Sept. 21.

175579. *ALLIUM SATIVUM* L.

Garlic.

- No. 5769. Ayvacik, Canakkale. Oct. 18. (Bulbs.)

175580. *ALLIUM* sp.

- No. 5956. Biga, Canakkale. Oct. 23.

175581. *ALLIUM* sp.

- No. 5974. Biga, Canakkale. Oct. 23.

175582 and 175583. *ALLIUM SATIVUM* L.

Garlic.

175582. No. 6095. Borlu, Alasehir, Manisa. Oct. 26. (Bulbs.)  
 175583. No. 9057. Market, Yozgat, Yozgat. Sept. 20. (Bulbs.)

175584. *ALLIUM* sp.

- No. 9079. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

175585. *ALLIUM* sp.

- No. 9717. Sugar Company farm, Kirsehir, Kirsehir. Sept. 28.

175586. *PRUNUS AMYGDALUS* Batsch. Rosaceae.

Almond.

- No. 5979. *Badem*. Biga, Canakkale. Oct. 23.

175587 to 175590. *ANETHUM GRAVEOLENS* L. Apiaceae.

Dill.

175587. No. 9033. Market, Yozgat, Yozgat. Sept. 20.  
 175588. No. 9078. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
 175589. No. 9173. Seed dealer, Kayseri, Kayseri. Sept. 21.  
 175590. No. 9722. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

175591 to 175593. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

175591. No. 6097. Gebze, Kocaeli.  
 175592. No. 9155. Seed dealer, Kayseri, Kayseri. Sept. 21.  
 175593. No. 9716. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

## 175559 to 175984—Continued

175594. *BETA VULGARIS* L. Chenopodiaceae. Beet.  
No. 5973. Biga, Canakkale. Oct. 23.
175595. *SPINACIA SPINOSA* Moench. Chenopodiaceae.  
No. 5983. Biga.
- 175596 to 175601. *BETA VULGARIS* L. Chenopodiaceae. Beet.  
175596. No. 6029. Urfa, Urfa. Oct. 23.  
175597. No. 9042. *Kocabas*. Vegetable dealer, Yozgat, Yozgat. Sept. 20.  
175598. No. 9088. *Kocabas*. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
175599. No. 9116. *Kocabas*. Seed dealer, Kayseri, Kayseri. Sept. 21.  
175600. No. 9147. *Karaca Oren*. Kayseri, Kayseri. Originally from Urgup, Kayseri.  
175601. No. 9168. *Pazi*. Kayseri, Kayseri.
175602. *BRASSICA NIGRA* (L.) Koch. Brassicaceae. Black mustard.  
No. 9127. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175603 to 175606. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.  
175603. No. 5960. Biga, Canakkale. Oct. 23.  
175604. No. 9072. *Gobekli*. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
175605. No. 9102. Seed dealer, Kayseri, Kayseri. Sept. 21. Dark-colored type.  
175606. No. 9135. *Gobek*. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175607 and 175608. *BRASSICA NAPUS* L. Rape.  
175607. No. 5392. Turkguclu, Corlu, Tekirdag. Sept. 25.  
175608. No. 5393. *Kepenekli*, Corlu, Tekirdag.
- 175609 and 175610. *BRASSICA RAPA* L. Turnip.  
175609. No. 8973. Seed dealer, Sivas, Sivas. Sept. 18.  
175610. No. 9158. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175611 and 175612. *CANNABIS SATIVUS* L. Moraceae. Hemp.  
175611. No. 6068. *Kendir*. Urfa, Urfa. Oct. 25.  
175612. No. 9119. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175613 to 175623. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.  
175613. No. 5968. Biga, Canakkale. Oct. 23.  
175614. No. 6007. Urfa, Urfa. Oct. 23.  
175615. No. 6092. Salihli, Manisa. Oct. 26.  
175616. No. 8801. *Dolmalik*. Seed dealer, Elazig, Elazig. Sept. 15.  
175617. No. 9059. Market, Yozgat, Yozgat. Sept. 20. Long pungent type.  
175618. No. 9069. *Dolmalik*. Market, Yozgat, Yozgat. Sept. 20.  
175619. No. 9080. *Dolmalik*. Seed dealer, Kirsehir, Kirsehir. Sept. 20. Pungent type.  
175620. No. 9165. Seed dealer, Kayseri, Kayseri. Sept. 21. Short round, pungent type.  
175621. No. 9172. *Dolmalik*. Seed dealer, Kayseri, Kayseri. Sept. 21.  
175622. No. 9185. *Kalem*. Seed dealer, Kayseri, Kayseri. Sept. 21.  
175623. No. 9718. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28. Tapering type.
175624. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.  
No. 9093. Director of Agriculture, Kirsehir, Kirsehir. Sept. 20.

**175559 to 175984—Continued**175625. *CEPHALARIA* sp. Dipsacaceae.No. 9141. *Kengel*. Market, Kayseri, Kayseri. Sept. 21.175626 to 175649. *CICER ARIETINUM* L. Fabaceae.**Chickpea.**

175626. No. 5224. Sazli, Sinop. Sept. 2.

175627. No. 5225. Ada, Sinop.

175628. No. 5226. Dizdaraglu, Sinop.

175629. No. 5430. Yukarisur, Corlu, Tekirdag. Sept. 27.

175630. No. 5431. Corlu, Tekirdag.

175631. No. 5451. Bandirma, Balikesir. Sept. 30.

175632. No. 5523. Mesudiye, Arac, Kastamonu. Oct. 7.

175633. No. 5521. Suzey, Arac, Kastamonu.

175634. No. 5740. Ayyacik, Canakkale. Oct. 18.

175635. No. 5763. Ayyacik, Canakkale. Oct. 18.

175636. No. 5961. Biga, Canakkale. Oct. 23.

175637. No. 5979. Manyas, Balikesir.

175638. No. 6043. Gebze, Kocaeli. Oct. 25.

175639. No. 6048. Urfa, Urfa. Oct. 25.

175640. No. 6059. Urfa, Urfa. Light-colored type.

175641. No. 6074. Avren, Salihli, Manisa. Oct. 26.

175642. No. 6077. Mersin, Salihli, Manisa.

175643. No. 6084. Salihli, Manisa.

175644. No. 8822. Pertek, Tunceli. Sept. 16. Dark-colored type.

175645. No. 9016. Horucek, Mecitozu, Corum. Sept. 20.

175646. No. 9041. Market, Yozgat, Yozgat. Sept. 20.

175647. No. 9097. Director of Agriculture, Kirsehir, Kirsehir. Sept. 20.

175648. No. 9109. Seed dealer, Kayseri, Kayseri. Sept. 21.

175649. No. 9167. Seed dealer, Kayseri, Kayseri. Sept. 21.

175650 to 175665. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**175650. No. 5462. *Kurbagi Alacasi*. Bandirma, Balikesir. Sept. 30.

175651. No. 5463. Bandirma, Balikesir. Sept. 30.

175652. No. 5524. Arac, Kastamonu. Oct. 7.

175653. No. 5718. Kulp, Diyarbakir. Oct. 11.

175654. No. 5742. Ayyacik, Canakkale. Oct. 18.

175655. No. 5964. Biga, Canakkale. Oct. 23. Light-colored type.

175656. No. 6026. Urfa, Urfa. Oct. 23.

175657. No. 6067. Urfa, Urfa.

175658. No. 9047. Market, Yozgat, Yozgat. Sept. 30.

175659. No. 9074. Seed dealer, Kirsehir, Kirsehir. Sept. 20. Light-colored type. Originally from Amasya, Amasya.

175660. No. 9077. *Yenidunya*. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

175661. No. 9096. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

175662 to 175665. Seed dealer, Kayseri, Kayseri. Sept. 21.

175662. No. 9133.

175663. No. 9167.



**175559 to 175984—Continued****175650 to 175665—Continued****175662 to 175665—Continued**

175664. No. 9178. Originally from Amasya, Amasya.

175665. No. 9177.

**175666 and 175667. CUMINUM CYMINUM L. Apiaceae.****Cumin.**

175666. No. 9045. Market, Yozgat, Yozgat. Sept. 20.

175667. No. 9159. Seed dealer, Kayseri, Kayseri. Sept. 21. Originally from Eskisehir, Eskisehir.

**175668 to 175678. CUCUMIS MELO L. Cucurbitaceae.****Muskmelon.**

175668. No. 5484. Taskopru, Kastamonu. Oct. 6.

175669. No. 5720. Kulp, Diyarbakir. Oct. 11.

175670. No. 5747. Ayvacik, Canakkale. Oct. 18.

175671. No. 5971. Biga, Canakkale. Oct. 23.

175672. No. 6021. Urfa, Urfa. Oct. 23.

175673. No. 6071. *Gerdi*. Urfa, Urfa. Winter type.175674. No. 9039. *Divelek*. Market, Yozgat, Yozgat. Sept. 20.

175675. No. 9070. Market, Yozgat, Yozgat.

175676. No. 9092. Seed dealer, Kirsehir, Kirsehir. Sept. 20. Originally from Kirkagac, Manisa.

175677. No. 9170. Seed dealer, Kayseri, Kayseri. Sept. 21. Originally from Kirkagac.

175678. No. 9179. *Bey pazari*. Seed dealer, Kayseri, Kayseri. Sept. 21.**175679 to 175681. CUCUMIS SATIVUS L.****Cucumber.**

175679. No. 5371. Boyabat, Sinop. Sept. 25.

175680. No. 5453. Bandirma, Balikesir. Sept. 30.

175681. No. 5486. Taskopru, Kastamonu. Oct. 6.

**175682. CUCUMUS MELO L.****Muskmelon.**

No. 5972. Biga, Canakkale. Oct. 23.

**175683. CUCUMIS SATIVUS L.****Cucumber.**

No. 8868. Seed dealer, Erzincan, Erzincan. Sept. 17.

**175684 and 175685. CUCUMIS MELO L.****Muskmelon.**

175684. No. 5994. Urfa, Urfa. Oct. 23. White type.

175685. No. 5999. Urfa.

**175686. CUCUMIS SATIVUS L.****Cucumber.**

No. 6024.

**175687. CUCUMIS MELO L.****Muskmelon.**

No. 6030.

**175688 to 175697. CUCUMIS SATIVUS L.****Cucumber.**

175688. No. 6049. Gebze, Kocaeli. Oct. 25.

175689. No. 6195. Nigde, Nigde. Oct. 27.

175690. No. 9002. Seed dealer, Sivas, Sivas. Sept. 18.

175691. No. 9040. Market, Yozgat, Yozgat. Sept. 20.

175692. No. 9084. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

**175559 to 175984—Continued****175688 to 175697—Continued**

175693. No. 9107. *Maras*. Seed dealer, Kayseri, Kayseri. Sept. 21.

175694. No. 9161. *Langa*. Karauzum, Kayseri.

175695. No. 9187. *Ucuk*. Seed dealer, Kayseri, Kayseri.

175696. No. 9234. Seed dealer, Nigde, Nigde. Sept. 22.

175697. No. 9720. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

**175698 to 175701. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.**

175698. No. 6023. Urfa; Urfa. Oct. 23. Winter type.

175699. No. 9038. Market, Yozgat, Yozgat. Sept. 20.

175700. No. 9062. Market, Yozgat, Yozgat. Sept. 20. Dark-colored type.

175701. No. 9124. Seed dealer, Kayseri, Kayseri. Sept. 21.

**175702. CUCURBITA MOSCHATA Duchesne. Cushaw.**

No. 5515. Suzey, Arac, Kastamonu. Oct. 7.

**175703. CUCURBITA MAXIMA Duchesne. Squash.**

No. 5227. *Kedi*. Sazli, Sinop. Sept. 2.

**175704 to 175714. CUCURBITA PEPO L. Pumpkin.**

175704. No. 5450. Gokmen, Bandirma, Balikesir. Sept. 30. Sweet type.

175705. No. 5458. Gokmen, Bandirma, Balikesir. Sept. 30.

175706. No. 5998. Urfa, Urfa. Oct. 23.

175707. No. 6048. Gebze, Kocaeli. Oct. 25.

175708. No. 6066. Urfa, Urfa. Oct. 25. Sweet type.

175709. No. 9044. *Dolma*. Market, Yozgat, Yozgat. Sept. 20.

175710. No. 9051. *Dolma*. Market, Yozgat, Yozgat. Sept. 20.

175711. No. 9129. *Dolmalik*. Seed dealer, Kayseri, Kayseri. Sept. 20.

175712. No. 9146. Seed dealer, Kayseri, Kayseri. Sept. 20. Dark-colored type.

175713. No. 9544. Between Bilecik and Sogut, Bilecik. Sept. 27.

175714. No. 9546. *Acir*. Between Bilecik and Sogut, Bilecik. Sept. 27.

**175715 to 175719. DAUCUS CAROTA L. Apiaceae. Carrot.**

175715. No. 5993. Urfa, Urfa. Oct. 23.

175716. No. 9064. Market, Yozgat, Yozgat. Sept. 20.

175717. No. 9114. Seed dealer, Kayseri, Kayseri. Sept. 21. Originally from village of Urgup, Kayseri.

175718. No. 9142. *Siripurcuklu*. Dealer, Kayseri, Kayseri.

175719. No. 9714. Sugar Company farm, Eskisehir, Eskisehir. Oct. 4.

**175720. ERUCA SATIVA Mill. Brassicaceae. Rocket-salad.**

No. 9071. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

**175721 to 175733. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.**

175721. No. 5416. Turkgucu, Corlu, Tekirdag. Sept. 27.

175722. No. 5417. Turkgucu, Corlu, Tekirdag. Sept. 27.

175723. No. 5472. *Gonondu*. Manyas, Balikesir. Oct. 5.

175724. No. 5473. Manyas, Balikesir. Oct. 5.

175725. No. 5764. Ayvacik, Canakkale. Oct. 18.

175726. No. 5948. Biga, Canakkale. Oct. 23.

**175559 to 175984—Continued****175721 to 175733—Continued**

175727 to 175730. Gebze, Kocaeli. Oct. 25.

175727. No. 6042. *Alaca*.

175729. No. 6053. White type.

175728. No. 6046. White type.

175730. No. 6055. Seeds black.

175731. No. 6061. Urfa, Urfa. Oct. 25.

175732. No. 9055. Market, Yozgat, Yozgat. Sept. 20.

175733. No. 9121. Seed dealer, Kayseri, Kayseri. Sept. 21.

**175734 to 175739. LACTUCA SATIVA L. Asteraceae.****Lettuce.**175734. No. 5782. *Tohumu*. Bahcedere, Ayvacik, Canakkale. Oct. 18.

175735. No. 5752. Gaidiye, Ayvacik, Canakkale. Black type.

175736. No. 9099. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

175737. No. 9115. Seed dealer, Kayseri, Kayseri. Sept. 21. Leaves curly.

175738. No. 9138. Seed dealer, Kayseri, Kayseri. Sept. 21.

175739. No. 9149. *Yedikule*. Kayseri, Kayseri. Originally from Istanbul, Istanbul.**175740 to 175742. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae.**  
**Calabash gourd.**

175740. No. 5996. Urfa, Urfa. Oct. 23.

175741. No. 9153. Seed dealer, Kayseri, Kayseri. Sept. 21.

175742. No. 9545. Village between Bilecik and Sogut, Bilecik. Sept. 27.

**175743. LATHYRUS SATIVUS L. Fabaceae.****Bittervetch.**No. 5207. *Murduk*. Denizcali, Kocaeli. Sept. 2.**175744 to 175760. LENS CULINARIS Medic. Fabaceae.****Lentil.**

175744. No. 5210. Sazli, Kabali, Sinop. Sept. 2.

175745. No. 5212. *Kucuk*. Ada, Sinop.

175746. No. 5436. Corlu, Tekirdag. Sept. 27.

175747. No. 5487. Agcikiri, Taskopru, Kastamonu. Oct. 6.

175748. No. 5516. Arac, Kastamonu. Oct. 7.

175749. No. 5651. Derekoy, Kavak, Samsun. Oct. 11.

175750. No. 5656. Deliahmetoglu, Ladik, Samsun.

175751. No. 5774. Ayvacik, Canakkale. Oct. 18.

175752. No. 6063. Urfa, Urfa. Oct. 25.

175753. No. 6086. Bezirganli Ciftligi, Salihli, Manisa. Oct. 26.

175754. No. 8889. *Sultani*. Seed dealer, Erzincan, Erzincan. Sept. 17.

175755. No. 9022. Director of Agriculture, Corum, Corum. Sept. 20. Originally from village of Ismail, Corum.

175756. No. 9034. Market, Yozgat, Yozgat. Sept. 21.

175757. No. 9098. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

175758. No. 9101. Seed dealer, Kayseri, Kayseri. Sept. 21.

175759. No. 9112. Market, Yozgat, Yozgat. Originally from village of Bozaliyan, Yozgat.

175760. No. 9136. Sarioglan, Kayseri. Large type.

**175761 to 175763. LEPIDIUM SATIVUM L. Brassicaceae.****Garden cress.**

175761. No. 5776. Bahcedere, Ayvacik, Canakkale. Oct. 18.

175762. No. 9035. Market, Yozgat. Sept. 20.

175763. No. 9174. Seed dealer, Kayseri, Kayseri. Sept. 21.

## 175559 to 175984—Continued

- 175764 to 175773. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 175764. No. 5206. Karamursel, Kocaeli. Sept. 2.  
 175765. No. 5385. Boyabat, Sinop. Sept. 25.  
 175766. No. 5398. Turkgucu, Corlu, Tekirdag. Sept. 27.  
 175767. No. 5399. Corlu, Tekirdag.  
 175768. No. 5760. Ayvacik, Canakkale. Oct. 18.  
 175769. No. 6056. Gebze, Kocaeli. Oct. 25.  
 175770. No. 6075. Salihli, Manisa. Oct. 19. Summer type.  
 175771. No. 8856. See dealer, Erzincan, Erzincan. Sept. 17.  
 175772. No. 9075. Director of Agriculture, Kirsehir, Kirsehir.  
 175773. No. 9134. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175774 to 175786. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 175774. No. 5460. Gokmen, Bandirma, Balikesir. Sept. 30.  
 175775. No. 5461. Kokmen, Bandirma, Balikesir. Sept. 30. Pole type.  
 175776. No. 5978. Biga, Canakkale. Oct. 22.  
 175777. No. 6006. Urfa, Urfa. Oct. 23.  
 175778. No. 6038. Gebze, Kocaeli. Oct. 25.  
 175779. No. 6041. Gebze, Kocaeli.  
 175780. No. 6089. Salihli, Manisa. Oct. 26. Local type.  
 175781. No. 6196. Nigde, Nigde. Oct. 27.  
 175782. No. 9067. Market, Yozgat, Yozgat. Sept. 20.  
 175783. No. 9083. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
 175784. No. 9162. Seed dealer, Kayseri, Kayseri. Sept. 21.  
 175785. No. 9186. *Kupe*. Kayseri, Kayseri.  
 175786. No. 9190. *Tursuluk*. Kayseri.
175787. *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**  
 No. 6122. Niksar, Tokat. Oct. 27.
- 175788 and 175789. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
 175788. No. 9151. *Kara*. Market, Kayseri, Kayseri. Sept. 21.  
 175789. No. 9160. Market, Kayseri, Kayseri. Sept. 21.
- 175790 and 175791. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**  
 175790. No. 5680. *Kirky Aprak*. Bafra, Samsun. Oct. 11.  
 175791. No. 6072. Salihli, Manisa. Oct. 26.
175792. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 9157. Seed dealer, Kayseri, Kayseri. Sept. 21.
175793. *OCIMUM BASILICUM* L. Menthaceae. **Basil.**  
 No. 5783. *Festagan*. Bahcedere, Ayvacik, Canakkale. Oct. 18.
175794. *OLEA EUROPAEA* L. Oleaceae. **Olive.**  
 No. 5758. *Zeytin*. Ayvacik, Canakkale. Oct. 18.
- 175795 to 175799. *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
 175795. No. 5433. *Dari*. Corlu, Tekirdag. Sept. 27.  
 175796. No. 5954. *Dari*. Biga, Canakkale. Oct. 23.  
 175797. No. 5969. *Dari*. Biga.

## 175559 to 175984—Continued

## 175795 to 175799—Continued

175798. No. 6060. *Kumdari*. Urfa, Urfa. Oct. 25.175799. No. 6080. *Ak Dari*. Bezirganli Ciftligi, Salihli, Manisa. Oct. 26.175800 to 175806. *PAPAVER SOMNIFERUM*. Papaveraceae. **Opium poppy.**

175800. No. 5790. Bahcedere, Ayvacik, Canakkale. Oct. 18.

175801. No. 6073. Cavlu, Salihli, Manisa. Oct. 26.

175802. No. 6082. Cavlu, Salihli, Manisa. Oct. 26.

175803. No. 6113. Herkumbet, Niksar, Tokat. Oct. 27.

175804. No. 9024. *Siyah*. Himiroglu, Corum. Sept. 20.

175805. No. 9019. Director of Agriculture, Corum, Corum. Sept. 20. White type.

175806. No. 9126. Seed dealer, Kayseri, Kayseri. Sept. 21.

175807 and 175808. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**

175807. No. 5777. Bahcedere, Ayvacik, Canakkale. Oct. 18.

175808. No. 6004. Urfa, Urfa. Oct. 23.

175809. *LACTUCA SATIVA* L. Asteraceae. **Lettuce.**

No. 9068. Market, Yozgat, Yozgat. Sept. 20.

175810. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**

No. 9128. Seed dealer, Kayseri, Kayseri. Sept. 21.

175811 and 175812. *PHALARIS CANARIENSIS* L. Poaceae. **Canary grass.**175811. No. 5420. *Kusyemi*. Orzulu, Corlu, Tekirdag. Sept. 27.175812. No. 9123. *Kusyemi*. Kayseri, Kayseri. Sept. 21. Originally from Istanbul, Istanbul.175813 to 175828. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

Collected in Ankara, Ankara. Aug. 27.

175813. No. 5145.

175821. No. 5154.

175814. No. 5146.

175822. No. 5155.

175815. No. 5148.

175823. No. 5156.

175816. No. 5149.

175824. No. 5157.

175817. No. 5150.

175825. No. 5159.

175818. No. 5151.

175826. No. 5160.

175819. No. 5152.

175827. No. 5161.

175820. No. 5153.

175828. No. 5163.

175829. *PHASEOLUS COCCINEUS* L. **Scarlet runner bean.**

No. 5164. Ankara, Ankara. Aug. 27.

175830 to 175854. *PHASEOLUS VULGARIS* L. **Common bean.**

175830 to 175836. Ankara, Ankara. Aug. 27.

175830. No. 5165.

175834. No. 5170.

175831. No. 5167.

175835. No. 5174.

175832. No. 5168.

175836. No. 5171.

175833. No. 5169.

175837. No. 5199. Karamursel, Kocaeli. Sept. 2.

175838. No. 5214. Sazli, Sinop. Sept. 2.

175839. No. 5215. Akcacam, Sinop. White type.

## 175559 to 175984—Continued

## 175830 to 175854—Continued

175840. No. 5425. Manyas, Balikesir. Sept. 27.  
 175841. No. 5477. Manyas.  
 175842. No. 5483. *Sakar*. Agcikiri, Taskopru, Kastamonu. Oct. 6.  
 175843. No. 5485. Agcikiri, Taskopru, Kastamonu. Oct. 6. White type.  
 175844. No. 5497. Tosya, Kastamonu. Oct. 6. White type.  
 175845. No. 5519. Suzey, Arac, Kastamonu. Oct. 7.  
 175846. No. 5518. Arac, Kastamonu.  
 175847. No. 5743. Ayvacik, Canakkale. Oct. 18.  
 175848. No. 5959. *Bahce*. Biga, Canakkale.  
 175849. No. 6022. *Cali*. Urfa, Urfa. Oct. 23.  
 175850. No. 6027. *Barbunya*. Urfa.  
 175851. No. 6083. Salihli, Manisa. Oct. 26.  
 175852. No. 8883. *Cicek*. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 White flowers.  
 175853. No. 8905. *Aysekadin*. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 175854. No. 9029. *Ismail*, Corum. Sept. 20.

## 175855. PHASEOLUS COCCINEUS L.

Scarlet runner bean.

- No. 9048. *Cicek*. Market, Yozgat, Yozgat. Sept. 20.

## 175856 and 175857. PHASEOLUS VULGARIS L.

Common bean.

175856. No. 9050. Market, Yozgat, Yozgat. Sept. 20.  
 175857. No. 9054. Market, Yozgat, Yozgat. Sept. 20.

## 175858. PHASEOLUS COCCINEUS L.

Scarlet runner bean.

- No. 9065. Market, Yozgat, Yozgat. Sept. 20.

## 175859. PHASEOLUS VULGARIS L.

Common bean.

- No. 9081. *Aysekadin*. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

## 175860. PHASEOLUS COCCINEUS L.

Scarlet runner bean.

- No. 9085. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

## 175861 to 175874. PHASEOLUS VULGARIS L.

Common bean.

175861. No. 9091. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
 175862. No. 9094. Seed dealer, Kirsehir, Kirsehir. Sept. 20.

## 175863 to 175872. Seed dealer, Kayseri. Sept. 21.

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 175863. No. 9100. <i>Ufak</i> .      | 175868. No. 9145. <i>Barbunya</i> .  |
| 175864. No. 9108. Flowers white.     | 175869. No. 9150. <i>Kukgunluk</i> . |
| 175865. No. 9113.                    | 175870. No. 9154. <i>Ufak</i> .      |
| 175866. No. 9117.                    | 175871. No. 9176.                    |
| 175867. No. 9131. <i>Kilciksiz</i> . | 175872. No. 9188. <i>Aysekadin</i> . |

## 175873 and 175874. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

175873. No. 9719. *Barbunya*.  
 175874. No. 9721. *Cali*. Bush type.

## 175875 and 175876. PIMPINELLA ANISUM L. Apiaceae.

Anise.

175875. No. 8989. Seed dealer, Sivas, Sivas. Sept. 18.  
 175876. No. 9130. Seed dealer, Kayseri, Kayseri. Sept. 21.

## 175559 to 175984—Continued

- 175877 and 175878. *PISUM SATIVUM* L. Fabaceae. Pea.  
 175877. No. 6050. Gebze, Kocaeli. Oct. 25.  
 175878. No. 6051. *Araka*. Gebze, Kocaeli. Oct. 25.
175879. *PLATANUS ORIENTALIS* L. Platanaceae. Oriental planetree.  
 No. 5775. Arikli, Ayvacik, Canakkale. Oct. 18.
- 175880 and 175881. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.  
 175880. No. 9090. Seed dealer, Kirsehir, Kirsehir. Sept. 20.  
 175881. No. 9156. Seed dealer, Kayseri, Kayseri. Sept. 20.
- 175882 and 175883. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.  
 175882. No. 8906. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 175883. No. 9056. Seed dealer, Yozgat, Yozgat. Sept. 20.
175884. *PRUNUS* sp.  
 No. 6036. Gebze, Kocaeli. Oct. 25.
175885. *PYRUS COMMUNIS* L. Malaceae. Pear.  
 No. 6123. Niksar, Tokat. Oct. 27.
- 175886 to 175898. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 175886. No. 5464. Gokmen, Bandirma, Balikesir. Sept. 30. Root red.  
 175887. No. 5465. Gokmen, Bandirma, Balikesir. Sept. 30. Root long, white.  
 175888. No. 6028. Urfa, Urfa. Oct. 23.  
 175889. No. 8867. Seed dealer, Erzincan, Erzincan. Sept. 17. Black type.  
 175890. No. 8981. Seed dealer, Sivas, Sivas. Sept. 18. Black type.  
 175891 to 175894. Market, Yozgat, Yozgat. Sept. 20.  
 175891. No. 9053. 175893. No. 9060. Root large, white.  
 175892. No. 9058. 175894. No. 9066. Root red.  
 175895 to 175897. Seed dealer, Kayseri, Kayseri. Sept. 21.  
 175895. No. 9111. Root white.  
 175896. No. 9139. Small globose type.  
 175897. No. 9166. Root red.  
 175898. No. 9581. Alpabut, Sakarya, Eskisehir. Sept. 27. Root white.
175899. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 No. 5789. *Hintyagi*. Bahcedere, Ayvacik, Canakkale. Oct. 18.
- 175900 and 175901. *ROBINIA PSEUDOACACIA* L. Fabaceae. Common locust.  
 175900. No. 5759. *Akasya*. Ayvacik, Canakkale. Oct. 18.  
 175901. No. 6198. Cankiri, Cankiri. Oct. 27.
175902. *ROSA* sp. Rosaceae. Rose.  
 No. 5755. *Yabani Gul*. Ayvacik, Canakkale. Oct. 18. Dog-rose.
175903. *ROSA* sp. Rose.  
 No. 5788. *Hokulu Gul*. Arikli, Ayvacik.
175904. *RHUS* sp. Anacardiaceae.  
 No. 9184. Seed dealer, Kayseri, Kayseri. Sept. 21.
175905. *RUMEX* sp. Polygonaceae.  
 No. 5767. *Labada*. Ayvacik, Canakkale. Oct. 18.

## 175559 to 175984—Continued

- 175906 to 175908. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
 175906. No. 5452. Bandirma, Balikesir. Sept. 30.  
 175907. No. 5984. Biga, Canakkale. Oct. 23.  
 175908. No. 6079. Taytav, Salihli, Manisa. Oct. 26.
- 175909 to 175918. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**  
 175909. No. 5466. Gokmen, Bandirma, Balikesir. Sept. 30.  
 175910. No. 5962. Biga, Canakkale. Oct. 23.  
 175911. No. 6031. Urfa, Urfa. Oct. 23.  
 175912. No. 6078. Salihli, Manisa. Oct. 26.  
 175913. No. 9032. Director of Agriculture, Corum, Corum. Sept. 20.  
 Originally from Amasya, Amasya.  
 175914. No. 9043. Market, Yozgat, Yozgat. Sept. 20.  
 175915. No. 9143. Seed dealer, Kayseri, Kayseri. Sept. 21. Black.  
 175916. No. 9144. *Mor.* Beydeyirimi, Kayseri.  
 175917. No. 9152. *Topak.* Kayseri, Kayseri.  
 175918. No. 9163. Kayseri, Kayseri. Fruit white.
- 175919 to 175921. *SORGHUM VULGARE* Pers. Poaceae.  
 175919. No. 5965. Biga, Canakkale. Oct. 23.  
 175920. No. 5967. Biga, Canakkale. Broomcorn.  
 175921. No. 6065. *Ak Dari.* Urfa, Urfa. Oct. 25.
175922. *SPARTIUM JUNCEUM* L. Fabaceae. **Weavers-broom.**  
 No. 5797. *Katir Kuyruğu.* Ayvacik, Canakkale. Oct. 18.
- 175923 to 175932. *SPINACIA OLERACEA* L. Chenopodiaceae. **Spinach.**  
 175923. No. 5467. Gokmen, Bandirma, Balikesir. Sept. 20.  
 175924. No. 5684. Bafra Merkezi, Samsun. Oct. 11. Seeds smooth.  
 175925. No. 5982. Biga, Canakkale. Oct. 23.  
 175926. No. 6054. Gebze, Kocaeli. Oct. 25.  
 175927. No. 9046. Market, Yozgat, Yozgat. Sept. 20. Seeds rough.  
 175928. No. 9061. Market, Yozgat, Yozgat. Sept. 20. Seeds smooth.  
 175929. No. 8866. Seed dealer, Erzincan, Erzincan. Sept. 16. Originally from Istanbul. Seeds rough.  
 175930. No. 9095. Seed dealer, Kirsehir, Kirsehir. Sept. 20. Seeds rough.  
 175931. No. 9132. Seed dealer, Kayseri, Kayseri. Sept. 21. Seeds rough.  
 175932. No. 9148. Kayseri. Seeds smooth.
175933. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**  
 No. 9182. Seed dealer, Kayseri, Kayseri. Sept. 21.
- 175934 to 175944. *VICIA ERVILIA* (L.) Willd. Fabaceae. **Vetch.**  
 175934. No. 5183. Balci, Kandira, Kocaeli. Sept. 2.  
 175935. No. 5468. Deblek, Bandirma, Balikesir. Sept. 30.  
 175936. No. 5504. Cayircik, Devrekani, Kastamonu. Oct. 6.  
 175937. No. 5522. Gemi, Arac, Kastamonu. Oct. 7.  
 175938. No. 5529. Arac, Kastamonu. Oct. 7.  
 175939. No. 5779. Ayvacik, Canakkale. Oct. 18.  
 175940. No. 5970. Biga, Canakkale. Oct. 23.



**175559 to 175984—Continued****175934 to 175944—Continued**

175941. No. 8821. Director of Agriculture, Cemiskezek, Tunceli. Sept. 16.  
Originally from Pertek, Tunceli.
175942. No. 9025. Director of Agriculture, Corum, Corum. Sept. 20.
175943. No. 9104. Seed dealer, Ausar, Kayseri. Sept. 21.
175944. No. 9183. Seed dealer, Kayseri, Kayseri.

**175945 to 175953. VICIA FABA L.****Broadbean.**

175945. No. 5434. Corlu, Tekirdag. Sept. 27.
175946. No. 5455. Gokmen, Bandirma, Balikesir. Sept. 30. White.
175947. No. 5456. Debekli, Bandirma.
175948. No. 5736. Ayvacik, Canakkale. Oct. 18.
175949. No. 5944. Biga, Canakkale. Oct. 23.
175950. No. 5952. Biga, Canakkale.
175951. No. 6087. *Sakiz*. Bezirganli Ciftligi, Salihli, Manisa. Oct. 26.
175952. No. 9140. Palas, Kayseri. Sept. 21. Dark-colored type.
175953. No. 9715. Sugar Company farm, Eskisehir, Eskisehir. Sept. 28.

**175954 to 175958. VICIA SATIVA L.****Common vetch.**

175954. No. 5368. Gereede, Bolu. Sept. 22.
175955. No. 5369. Gereede, Bolu.
175956. No. 5531. Arac, Kastamonu. Oct. 7.
175957. No. 5738. Ayvacik, Canakkale. Oct. 18.
175958. No. 6057. Gebze, Kocaeli. Oct. 25.

**175959 to 175964. VIGNA SINENSIS (Torner) Savi. Fabaceae.****Cowpea.**

175959. No. 5375. Alibeyli, Boyabat, Sinop. Sept. 25.
175960. No. 5773. Ayvacik, Canakkale. Oct. 18.
175961. No. 5947. Biga, Canakkale. Oct. 23.
175962. No. 6045. Gebze, Kocaeli. Oct. 25.
175963. No. 6097. Incikler, Demirci, Manisa. Oct. 26.
175964. No. 9125. Seed dealer, Kayseri, Kayseri. Sept. 21.

**175965. VITIS VINIFERA L. Vitaceae.****European grape.**

- No. 6121. *Narince*. Niksar, Tokat. Oct. 27.

**175966 to 175984. ZEA MAYS L. Poaceae.****Corn.**

175966. No. 5202. *Tepekoy*. Karamursel, Kocaeli. Sept. 2.
175967. No. 5203. Subasi, Karamursel, Kocaeli.
175968. No. 5374. Turagan, Boyabat, Sinop. Sept. 25.
175969. No. 5428. Corlu, Tekirdag. Sept. 27.
175970. No. 5454. Debekli, Bandirma, Balikesir. Sept. 30.
175971. No. 5476. Manyas, Balikesir. Oct. 5.
175972. No. 5481. Agcikiri, Taskopru, Kastamonu. Oct. 6.
175973. No. 5527. Suzey, Arac, Kastamonu.
175974. No. 5530. Arac, Kastamonu.

**175975 to 175978. From Canakkale.**

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|--|-------------------------|
| 175975. No. 5732. Ayvacik. Oct. 18.      | 175977. No. 5958. Biga. |
| 175976. No. 5950. <i>Italian</i> . Biga. | 175978. No. 5961. Biga. |

**175559 to 175984—Continued****175966 to 175984—Continued**

175979. No. 6052. Gebze, Kocaeli. Oct. 25.  
 175980. No. 6081. Salihli, Manisa. Oct. 26.  
 175981. No. 6085. *Darisi*. Yesilkabak, Salihli, Manisa.  
 175982. No. 8809. Kalan, Tunceli. Sept. 16. Yellow.  
 175983. No. 9027. Director of Agriculture, Corum, Corum. Sept. 20.  
 175984. No. 9122. Grain market, Kayseri, Kayseri. Sept. 21.

**175985 to 175996. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Sweden. Seeds presented by the Swedish Association, Svalöf. Received Mar. 7, 1949.

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|---|---|
| 175985. No. 946. <i>Nova</i> .            | 175991. No. 952. <i>Barres Halvlang</i> . |
| 175986. No. 950. <i>Nova</i> .            | 175992. No. 953. <i>Barres Halvlang</i> . |
| 175987. No. 951. <i>Nova</i> .            | 175993. <i>Alfa</i> I 8.                  |
| 175988. No. 945. <i>Nova</i> .            | 175994. <i>Rubra</i> I 4.                 |
| 175989. No. 948. <i>Barres Halvlang</i> . | 175995. O22 I 11.                         |
| 175990. No. 949. <i>Barres Halvlang</i> . | 175996. O28 I 6.                          |

**175997 to 176169. HORDEUM spp. Poaceae. Barley.**

From India, Tibet, and Nepal. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 7, 1949.

Collected in 1948. From India unless otherwise indicated.

**175997 to 175999. HORDEUM VULGARE L.**

175997. No. 9370-A. Balan, Garhwal, United Provinces. May 8. Hybrid.  
 175998 and 175999. Someswar, Kumaon, United Provinces. June 1. Altitude 5,000 feet.  
 175998. No. 9374-A. *Jao*.  
 175999. No. 9375-A. *Jao*.

**176000. HORDEUM DISTICHON L.**

No. 9376-A. *Jao*. Someswar, Kumaon, United Provinces. June 1. Altitude 5,000 feet.

**176001 to 176169. HORDEUM VULGARE L.**

176001 to 176045. From the United Provinces.

176001 and 176002. Sama, Kumaon. June 3. Altitude 7,000 feet.

176001. No. 9381-A. *Oowa*. Winter type.

176002. No. 9386-A. *Jao*. Spring type.

176003 to 176008. From Girgaon, Kumaon. June 6. Altitude 7,500 feet. Winter type.

176003. No. 9391-A. *Jao*.

176006. No. 9395-A. *Oowa*.

176004. No. 9392-A. *Oowa*.

176007. No. 9389-A. *Oowa*.

176005. No. 9393-A. *Oowa*.

176008. No. 9397-A. *Jao*.

176009 to 176016. From Kumaon. Winter type.

176009. No. 9380-A. *Jao*. Sama. June 3. Altitude 7,000 feet.

176010. No. 9388-A. *Jao*. Girgaon. June 5. Altitude 7,500 feet.

176011. No. 9406-A. Chishen. June 7. Altitude 6,000 feet.

176012. No. 9407-A. Chishen, above Rati Mansari. June 7. Altitude 6,000 feet.

**175997 to 176169—Continued****176001 to 176169—Continued****176001 to 176045—Continued****176009 to 176016—Continued**

176013. No. 9408-A. Chishen, above Rati Mansari.  
 176014. No. 9415-A. *Kala Jao*. Rati. June 8. Altitude 5,000 feet.  
 176015. No. 9416-A. Above Rati. June 8. Altitude 6,500 feet.  
 176016. No. 9418-A. *Jao*. Girgaon. June 6. Altitude 7,500 feet.  
 176017. No. 9985. *Jao*. Gangi, Tehri. Sept. 21. Altitude 8,000 feet  
 Winter type.

176018. No. 9423-A. *Oowa*. Tola, Kumaon. June 14. Altitude 10,000 feet.

**176019 to 176038. From Kumaon. Winter type.**

176019. No. 9430-A. *Jao*. Patori. June 25. Altitude 8,000 feet.  
 176020. No. 9431-A. *Oowa*. Patori.  
 176021. No. 9436-A. *Jao*. Koltum. June 26. Altitude 8,000 feet.  
 Grower's sample.  
 176022. No. 9437-A. *Jao*. Koltum.  
 176023. No. 9442-A. *Oowa*. Chilkot. June 26. Altitude 8,000 feet.  
 176024. No. 9443-A. *Jao*. Chilkot.  
 176025. No. 9447-A. *Jao*. Gela. June 27. Altitude 8,000 feet.  
 176026. No. 9448-A. *Oowa*. Gela.  
 176027. No. 9450-A. *Jao*. Bona. June 29. Altitude 7,000 feet.  
 176028. No. 9451-A. *Jao*. Bona.  
 176029. No. 9452-A. *Oowa*. Bona.  
 176030. No. 9456-A. *Jao*. Sumdum. July 5. Altitude 8,000 feet.  
 176031. No. 9457-A. *Oowa*. Sumdum.  
 176032. No. 9462-A. *Jao*. Homza. July 6. Altitude 7,000 feet.  
 176033. No. 9463-A. *Oowa Jao*. Homza.  
 176034. No. 9464-A. *Oowa Jao*. Homza.  
 176035. No. 9466-A. *Jao*. Dar. July 7. Altitude 7,000 feet.  
 176036. No. 9467. *Oowa*. Dar.  
 176037. No. 9472-B. *Jao*. Urting. July 7. Altitude 7,500 feet.  
 176038. No. 9473-A. *Oowa*. Urting.

**176039 to 176044. From Kumaon. Spring type.**

176039. No. 9475-A. *Chema*. Shela. July 7. Altitude 8,500 feet.  
 176040. No. 9479-A. *Chema*. Nagling. July 8. Altitude 9,000 feet.  
 176041. No. 9483-B. *Chema*. Baling. July 9. Altitude 9,500 feet.  
 176042. No. 9501-A. *Tsema*. Kuti. July 15. Altitude 10,000 feet.  
 176043. No. 9512-A. *Tsema*. Napalcho. July 18. Altitude 9,000 feet.  
 176044. No. 9519-A. *Tsema*. Nabi. July 19. Altitude 9,000 feet.

176045. No. 9520-A. *Jao*. Urting. July 7. Winter type.

**176046 to 176049. From Takhlakot, Tibet. July 19.**

176046. No. 9521-B. Originally from Homlung, Nepal. Winter type.  
 176047. No. 9522-A. Originally from Homlung, Nepal. Spring type.

## 175997 to 176169—Continued

## 176001 to 176169—Continued

## 176046 to 176049—Continued

176048. No. 9524-B. Large size.

176049. No. 9526-A. Originally from Homlung, Nepal. Winter type.

176050 to 176052. From Garbiang, Kumaon.

176050. No. 9529-A. *Tsema*. July 20. Altitude 9,000 feet.

176051 and 176052. July 21. Altitude 9,000 feet. Originally from Tsaro, Nepal.

176051. No. 9531-A. *Dze*.176052. No. 9536-A. *Tsema*.

176053 to 176063. From Kumaon, United Provinces. Altitude 8,000 feet. Winter type.

176053. No. 9541-A. Budi. July 22.

176059. No. 9556-A. *Tsema*. Sankola.

176054. No. 9542-O. Budi.

176060. No. 9558-A. *Oowa*. Galla. July 25.176055. No. 9543-A. *Jao*. Jipti. July 23.176061. No. 9559-A. *Kala Jao*. Galla.176056. No. 9547-A. *Tsema* Jipti.176062. No. 9563-A. *Jao*. Galla.176057. No. 9550-A. *Jao*. Sankola. July 24.176063. No. 9565-A. *Oowa*. Galla.176058. No. 9553-A. *Jao*. Sankola. Beardless.

176064 to 176067. From Nepal. July 26. Winter type.

176064. No. 9569-A. *Jeun*. Sonsera. Altitude 7,000 feet.176065. No. 9579-A. *Jeun*. Tusera Pani. Altitude 7,500 feet.176066. No. 9580-A. *Oowa*. Tusera Pani.176067. No. 9589-A. *Jeuri*. Rafla. Altitude 8,000 feet.176068. No. 9988. *Jao*. Genwali, Tehri, United Provinces. Sept. 23. Altitude 8,000 feet. Grower's sample. Winter type.

176069 to 176075. From Nepal. July 26. Winter type.

176069. No. 9590-A. *Jeun*. Rafla. Altitude 8,000 feet.176070. No. 9591-A. *Jeun*. Rafla.176071. No. 9593-A. *Oowa*. Rafla.176072. No. 9606-A. *Dzay*. Dumpling. Altitude 6,500 feet.176073. No. 9608-A. *Dzay*. Otedar. Altitude 7,500 feet.176074. No. 9609-A. *Ombray*. Otedar.176075. No. 9611-A. *Ombray*. Otedar.

176076 to 176093. From Kumaon, United Provinces. Winter type.

176076. No. 9614-A. *Dzit*. Junra. July 27. Altitude 8,500 feet.176077. No. 9615-A. *Tsema*. Junra.176078. No. 9621-A. *Umuri*. Sirtang. July 27. Altitude 8,500 feet.176079. No. 9622-A. *Dzeu*. Sirtang.176080. No. 9626-B. *Oowa*. Sirtang.

## 175997 to 176169—Continued

## 176001 to 176169—Continued

## 176076 to 176093—Continued

176081 to 176085. Riza. July 27. Altitude 8,000 feet.

176081. No. 9635-A. *See-tua*  
*Oowa*.176083. No. 9637-A. *Dzei*.176084. No. 9638-A. *Kala Jeun*.176082. No. 9636-A. *Dzei*.176085. No. 9639-A. *Oowa*.

176086 to 176089. Sirka. July 27. Altitude 8,500 feet.

176086. No. 9645-A. *Tsema*.176088. No. 9651-A. *Umde Dze*.176087. No. 9650-A. *Dze*.176089. No. 9652-A. *Tsema*.

176090 to 176093. Sosa. July 29. Altitude 8,500 feet.

176090. No. 9655-A. *Tingtsema*.176092. No. 9658-A. *Dze*.176091. No. 9656-A. *Shi Tsema*176093. No. 9660-A. *Bomari*.176094. No. 9662-A. Dumling, Nepal. July 26. Altitude 6,500 feet.  
Winter type.

176095 to 176105. From Kumaon, United Provinces. Winter type.

176095. No. 9663-A. *Pangu*. July 29. Altitude 8,000 feet.176096. No. 9664-A. *Pangu*.176097. No. 9667-A. *Pangu*.

176098. No. 9672-A. Chilkot. June 26. Altitude 8,000 feet.

176099 to 176102. Sanandiu. Aug. 3. Altitude 7,500 feet.

176099. No. 9680-A. *Oowa*.  
Beardless.176101. No. 9682-A. *Jao*.176102. No. 9683-A. *Oowa*.  
Beardless.176100. No. 9681-A. *Jao*.176103. No. 9687-A. *Jao*. Gartita. Aug. 6. Altitude 6,000 feet.176104. No. 9692-A. *Oowa*. Bhartkhan. Aug. 6. Altitude 6,000 feet.176105. No. 9693-A. *Jao*. Bhartkhan.

176106 to 176169. From the United Provinces.

176106. No. 9806. *Jao*. Dehra Dun. Aug. 25. Spring type.176107. No. 9938. Mussoorie. Sept. 8. Altitude 7,000 feet. Winter  
type.

176108 to 176167. From Tehri.

176108. No. 9957. *Jao*. Tehri. Sept. 14. Altitude 3,500 feet. Spring  
type.176109. No. 9963. *Jao*. Sangri. Sept. 17. Altitude 5,000 feet.176110. No. 9965. *Jao*. Bhatgaon. Sept. 18. Altitude 5,500 feet.176111. No. 9966. *Oowajao*. Bhatgaon.176112. No. 9948. *Jao*. Tehri. Sept. 18. Altitude 3,500 feet. Spring  
type.176113. No. 9990. *Oowajao*. Genwali. Sept. 24. Altitude 8,000 feet.176114. No. 10004. *Jao*. Toli. Sept. 23. Altitude 5,000 feet. Spring  
type.176115. No. 10022. *Oowajao*. Urni. Sept. 27. Altitude 8,000 feet.176116. No. 10023. *Jao*. Urni.176117. No. 10037. *Jao*. Jaurah. Oct. 1. Altitude 7,000 feet.176118. No. 10039. *Oowajao*. Jaurah.176119. No. 10042. *Oowajao*. Pilgad. Oct. 2. Altitude 7,500 feet.

## 175997 to 176169—Continued

## 176001 to 176169—Continued

## 176106 to 176169—Continued

## 176108 to 176167—Continued

176120. No. 10044. *Jao*. Pilgad.  
 176121. No. 10057. *Jao*. Uttarkashi. Oct. 2. Altitude 3,500 feet. Spring type.  
 176122. No. 10063. *Oowajao*. Uttarkashi. Spring type.  
 176123. No. 10070. *Jao*. Maleri. Oct. 3. Altitude 4,000 feet. Spring type.  
 176124. No. 10071. *Oowajao*. Maleri.  
 176125. No. 10075. *Jao*. Mukpa. Oct. 2. Altitude 8,000 feet.  
 176126. No. 10077. *Oowa*. Mukpa.  
 176127. No. 10089. *Ne*. Harsil. Oct. 2. Originally from Dzang, Tibet. Spring type.  
 176128. No. 10093. *Oowa*. Jalla. Oct. 3. Altitude 6,500 feet.  
 176129. No. 10094. *Jao*. Jalla.  
 176130. No. 10098. *Jao*. Suki. Oct. 3. Altitude 6,000 feet.  
 176131. No. 10102. *Jao*. Uni. Oct. 3. Altitude 5,800 feet.  
 176132. No. 10109. *Jao*. Pila. Oct. 4. Altitude 6,000 feet.  
 176133. No. 10119. *Jao*. Raytal. Oct. 5. Altitude 7,000 feet.  
 176134 to 176137. Bankoli. Oct. 9. Altitude 7,000 feet.  
     176134. No. 10121. *Jao*.                      176136. No. 10131. *Oowajao*.  
     176135. No. 10125. *Oowajao*.              176137. No. 10130. *Jao*.  
 176138. No. 10142. *Jao*. Naogaon. Oct. 12. Altitude 8,000 feet.  
 176139. No. 10143. *Oowajao*. Naogaon.  
 176140. No. 10160. *Oowajao*. Khursali. Oct. 13. Altitude 8,500 feet.  
 176141. No. 10164. *Jao*. Khursali.  
 176142. No. 10175. *Jao*. Banasi. Oct. 13. Altitude 8,000 feet.  
 176143. No. 10176. *Oowajao*. Bariya. Oct. 14. Altitude 7,500 feet.  
 176144. No. 10177. *Jao*. Bariya.  
 176145. No. 10192. *Jao*. Waziragarh. Oct. 15. Altitude 6,000 feet.  
 176146. No. 10203. *Jao*. Kupra. Oct. 16. Altitude 8,000 feet.  
 176147. No. 10204. *Oowajao*. Kupra.  
 176148. No. 10214. *Jao*. Tirkula. Oct. 16. Altitude 7,000 feet.  
 176149. No. 10221. *Jao*. Pali. Oct. 17. Altitude 6,000 feet.  
 176150. No. 10222. *Oowajao*. Pali.  
 176151. No. 10229. *Jao*. Sarnaul. Oct. 18. Altitude 6,000 feet.  
 176152. No. 10231. *Oowajao*. Sarnaul.  
 176153. No. 10236. *Jao*. Ponti. Oct. 18. Altitude 6,500 feet.  
 176154. No. 10246. *Oowajao*. Kumdar. Oct. 19. Altitude 6,500 feet.  
 176155. No. 10247. *Jao*. Kumdar.  
 176156. No. 10251. *Jao*. Koshala. Oct. 19. Altitude 7,500 feet.  
 176157. No. 10259. *Sars*. Oct. 20. Altitude 7,500 feet.  
 176158. No. 10264. *Jao*. Dingari. Oct. 20. Altitude 7,000 feet.

**175997 to 176169—Continued****176001 to 176169—Continued****176106 to 176169—Continued****176108 to 176167—Continued**176159. No. 10275. *Jao*. Barsali. Oct. 21. Altitude 8,000 feet.176160. No. 10285. *Jao*. Dogra. Oct. 22. Altitude 6,000 feet.176161. No. 10305. *Jao*. Dogra.176162. No. 10286. *Jao*. Dogra.176163. No. 10288. *Jao*. Sialuka. Oct. 22. Altitude 6,000 feet.176164. No. 10295. *Jag*. Jerali. Oct. 23. Altitude 7,000 feet.176165. No. 10328. *Jao*. Taffi. Nov. 1. Altitude 5,000 feet.176166. No. 10333. *Jao*. Darkot. Nov. 2. Altitude 5,500 feet. Beardless.176167. No. 10336. *Oowajao*. Darkot. Beardless.176168. No. 10357. *Jao*. Hardwar. Oct. 6. Spring type.176169. No. 10366. *Jao*. Saharanpur. Nov. 8. Spring type.**176170 to 176184. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by the Urbana Wine Company, Hammondsport, N. Y. Received Mar. 8, 1949.

176170. *Perbos* 48.176178. *S. V.* 20-473.171171. *Perbos* 210.176179. *Lahbert* 133-6.176172. *Perbos* 82.176180. *T. Leyve* 16-104.176173. *Perbos* 139.176181. *T. Leyve* 14-9.176174. *Perbos* 226.176182. *Chamb* 1336.176175. *Perbos* 205.176183. *Chamb* 1375.176176. *Perbos* 245.176184. *Chamb* 442.176177. *Perbos* 137.**176185 and 176186. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From Maryland. Scions presented by Haig Dermen, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 8, 1949.

176185. *Scarlet Red Stayman*.176186. *All Imperial Red McIntosh*.**176187 to 176365. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From India and Nepal. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 8, 1949.

Collected in 1948. From India unless otherwise indicated.

**176187 to 176227.** From Kumaon, United Provinces.176187. No. 9382-A. *Gaon*. Samma. Winter type.176188. No. 9383-A. *Gaon*. Sama. Winter type.176189. No. 9384-A. *Gaon*. Spring type.176190. No. 9385-A. *Gaon*. Spring type.**176191 to 176194.** From Girgaon. June 5 and 6. Altitude 7,500 feet. Winter type.176191. No. 9390-A. *Gehun*.176193. No. 9398-A. *Gehun*.176192. No. 9394-A. *Gehun*.176194. No. 9399-A. *Gehun*.

## 176187 to 176365—Continued

## 176187 to 176227—Continued

- 176195 to 176202. From Chishen, above Rati. June 7. Altitude 6,000 feet. Winter type.
176195. No. 9409-A.
176196. No. 9410-A. Heads 3 to 3½ inches with awns 2½ inches long, more or less black; tomentose; seeds white.
176197. No. 9411-A. Like No. 9410-A; glabrous.
176198. No. 9412-A. Heads 3¾ inches with awns 2¼ inches, more or less black; seeds red; glabrous.
176199. No. 9413-A. Heads like No. 9410-A.
176200. No. 9417-A. *Gehun*. June 9.
176201. No. 9421-A. *Gehun*. Like No. 9413-A; glabrous.
176202. No. 9422-A. *Gehun*. Like No. 9410-A; short, bent awns.
176203. No. 9432-A. *Gaon*. Patori. Winter type.
176204. No. 9439-A. *Gaon*. Koltum. Winter type.
176205. No. 9444-A. *Gaon*. Chilkot. Winter type.
176206. No. 9445-A. *Gaon*. Chilkot. Winter type.
176207. No. 9449-A. *Gaon*. Gela. Winter type.
176208. No. 9453-A. *Gehun*. Bona. June 29. Altitude 7,000 feet.
176209. No. 9454-A. *Gehun*. Bona.
176210. No. 9458-A. *Gehun*. Sumdum. July 5. Altitude 8,000 feet.
176211. No. 9465-A. *Gaon*. Homza. July 6. Altitude 7,000 feet.
176212. No. 9468-A. *Gehun*. Dar. July 7. Altitude 7,000 feet.
176213. No. 9469-A. *Gehun*. Dar.
176214. No. 9470-A. *Gehun*. Dar.
176215. No. 9484-A. *Rizah*. Baling. July 9. Altitude 9,500 feet. Spring type.
176216. No. 9486-A. *Nep-hal*. Sibn. July 10. Altitude 10,000 feet.
176217. No. 9498-B. *Nap-hal*. Marcha. July 10. Altitude 10,000 feet. Spring type.
176218. No. 9504-A. *Nap-hal*. Kuti. July 15. Altitude 10,000 feet. Quick maturing with low gluten content.
176219. No. 9507-A. *Nep-hal*. Gunji. July 16. Early type.
176220. No. 9508-A. *Nap-hal*. Napalcho. July 18.
176221. No. 9515-A. *Nap-hal*. Nabi. July 19. Quick-maturing type.
176222. No. 9530-A. *Nap-hal*. Garbiang. July 20.
176223. No. 9533-A. *Nap-hal*. Originally from Tsaro, Nepal. July 21. Altitude 9,000 feet. Quick-maturing type.
176224. No. 9540-A. *Gaon*. Budi. July 22. Winter type.
176225. No. 9544-A. *Gehun*. Jipti. July 23. Winter type.
176226. No. 9551-A. *Gehun*. Sankola. July 24. Winter type.
176227. No. 9561-A. *Gehun*. Galla. July 25. Winter type.
- 176228 to 176234. From Nepal. July 26. Winter type.
176228. No. 9570-A. *Gaon*. Sonsera. Altitude 7,000 feet.
176229. No. 9584-A. *Gaon*. Tusera Pani. Altitude 7,500 feet.
176230. No. 9586-A. *Geun*. Rafla. Altitude 8,000 feet. Beardless.



**176187 to 176365—Continued****176228 to 176234—Continued**

176231. No. 9587—A. *Geun*. Rafla. Short-awned.  
 176232. No. 9588—A. *Geun*. Rafla. Long-awned.  
 176233. No. 9607—A. *Rajeh*. Dumling. Altitude 6,500 feet.  
 176234. No. 9610—A. *Rajeh*. Otedar. Altitude 7,500 feet.

**176235 to 176269. From Kumaon, United Provinces.****176235 to 176246. Winter type.**

176235. No. 9616—A. *Rwaza*. Junra. July 27. Altitude 8,500 feet.  
 176236. No. 9620—A. *Dzar Gaon*. Sirtang. July 27. Altitude 8,500 feet.  
 176237. No. 9630—A. *Daukani Gaon*. Sirtang.  
 176238. No. 9632—A. *Riza*. July 27. Altitude 8,000 feet.  
 176239. No. 9633—A. *Daukhani*. Riza.  
 176240. No. 9634—A. *Bhotai Gaon*. Riza.  
 176241. No. 9644—A. *Bhotia Dze*. Sirka. July 27. Altitude 8,500 feet.  
 176242. No. 9646—A. *Sirka*. July 27. Altitude 8,500 feet.  
 176243. No. 9657—A. *Babari Rwaza*. Sosa. July 29. Altitude 8,500 feet.  
 176244. No. 9659—A. *Rwaza*. Sosa.  
 176245. No. 9665—A. *Pangu*. July 29. Altitude 8,000 feet.  
 176246. No. 9666—A. *Pangu*.

**176247. No. 9669—A. *Gehun*. Balukot. Aug. 1. Altitude 4,000 feet. Spring type.**

176248. No. 9670—A. *Gehun*. Balukot. Spring type.  
 176249. No. 9671—A. *Galla*. Aug. 1. Winter type.  
 176250. No. 9673—A. *Gehun*. Balukot. Aug. 2. Altitude 4,000 feet.  
 176251. No. 9674—A. *Gehun*. Balukot.  
 176252. No. 9675—A. *Gehun*. Askot. Aug. 3. Altitude 5,000 feet.  
 176253. No. 9676—A. *Gehun*. Askot.  
 176254. No. 9677—A. *Gehun*. Didikot. Aug. 3. Altitude 6,000 feet.  
 176255. No. 9678—A. *Tangi Gehun*. Sanandiu. Aug. 3. Altitude 7,500 feet. Winter type.  
 176256. No. 9679—A. *Gir Gehun*. Sanandiu. Winter type.  
 176257. No. 9684—A. *Gehun*. Two miles below Sanandiu. Aug. 4. Altitude 6,000 feet. Spring type.  
 176258. No. 9685—A. *Gehun*. Two miles below Sanandiu. Spring type.  
 176259. No. 9686—A. *Gehun*. Thal. Aug. 5. Altitude 4,000 feet.  
 176260. No. 9688—A. *Gehun*. Gartita. Aug. 6. Altitude 6,000 feet.  
 176261. No. 9689—A. *Gehun*. Below Gartita. Aug. 6. Altitude 5,500 feet. Spring type.  
 176262. No. 9690—A. *Gehun*. Berinag. Aug. 6. Altitude 6,000 feet. Probably cold-tolerant.  
 176263. No. 9691—A. *Gehun*. Berinag.  
 176264. No. 9695—A. *Gehun*. Bhartkhan. Aug. 6. Altitude 6,000 feet. Winter type.  
 176265. No. 9696—A. *Gehun*. Bhartkhan. Winter type.

## 176187 to 176365—Continued

## 176235 to 176269—Continued

176266. No. 9697-A. *Gehun*. Nariagol. Aug. 8. Altitude 5,000 feet.  
 176267. No. 9698-A. *Babara Gehun*. Nandiu. Aug. 8. Altitude 5,000 feet.  
 176268. No. 9699-A. *Gehun*. Nandiu.  
 176269. No. 9702-A. *Gehun*. Barichina. Aug. 10. Altitude 4,000 feet.
- 176270 to 176296. Central Provinces Wheat Research Station, Hoshangabad, Central Province. Aug. 11. Spring, drought-tolerant types.
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|---|--|
| 176270. No. 9704-A. <i>Ekdani</i> .                     | 176283. No. 9717-A. <i>Bemetera</i> .<br>Local.      |
| 176271. No. 9705-A. Var. <i>Rassi</i><br><i>Pisai</i> . | 176284. No. 9718-A. <i>Khibri</i> .                  |
| 176272. No. 9706-A. <i>Safed Pissi</i> .                | 176285. No. 9719-A. <i>Bari</i> .                    |
| 176273. No. 9707-A. <i>Tigaria</i> .                    | 176286. No. 9720-A. <i>Haura</i> .                   |
| 176274. No. 9708-A. <i>Lal Mundi</i> .                  | 176287. No. 9721-A. <i>Hansia</i> .                  |
| 176275. No. 9709-A. <i>Pissi Khaw-</i><br><i>ri</i> .   | 176288. No. 9722-A. <i>Bagad Ban-</i><br><i>si</i> . |
| 176276. No. 9710-A. <i>Hansi Pissi</i> .                | 176289. No. 9723-A. <i>Bangasia</i> .                |
| 176277. No. 9711-A. <i>Pissi Khebra</i> .               | 176290. No. 9724-A. <i>Ghodi Bansi</i> .             |
| 176278. No. 9712-A. <i>Deshi Pissi</i> .                | 176291. No. 9725-A. <i>Jalaliya</i> .                |
| 176279. No. 9713-A. <i>Pahadi Pissi</i> .               | 176292. No. 9726-A. <i>Kathia</i> .                  |
| 176280. No. 9714-A. <i>Farin Pissi</i> .                | 176293. No. 9727-A. <i>Bansi</i> .                   |
| 176281. No. 9715-A. <i>Sharbity</i> .                   | 176294. No. 9728-A. <i>Safed Kathia</i> .            |
| 176282. No. 9716-A. <i>Safed Mundi</i> .                | 176295. No. 9729-A. <i>Gaurani</i> .                 |
|   | 176296. No. 9730-A. <i>Safed Katha</i> .             |
- 176297 to 176365. From the United Provinces.
176297. No. 9786. *Gehun*. Kashipur. Aug. 20.  
 176298. No. 9787. *Gehun*. Kashipur.  
 176299. No. 9798. *Gehun*. Dehra Dun. Aug. 24.  
 176300. No. 9803. *Gehun*. Dehra Dun.  
 176301. No. 9881. *Gehun*. Dehra Dun.  
 176302. No. 9934. *Gehun*. Mussoorie. Sept. 6. From plains.  
 176303 to 176357. From Tehri.
176303. No. 8941. *Gehun*. Kadukal. Sept. 11.  
 176304. No. 9942. *Gehun*. Kadukal.  
 176305. No. 9944. *Gehun*. Kaudia. Sept. 12.  
 176306 to 176308. From Tehri City. Sept. 14. Altitude 3,500 feet.
176306. No. 9947. *Gehun*.  
 176307. No. 9950. *Gehun*.  
 176308. No. 9956. *Gehun*.
176309. No. 9961. *Gehun*. Ghunti. Sept. 16. Altitude 4,000 feet.  
 Spring type.
176310. No. 9962. *Gehun*. Sangri. Sept. 17. Altitude 5,000 feet.  
 176311 to 176313. From Bhatgaon. Altitude 5,500 feet.
176311. No. 9964. *Churi Gehun*. Sept. 17.  
 176312. No. 9967. *Bama Gehun*. Sept. 18.  
 176313. No. 9968. *Mundri Gehun*. Sept. 18.

**176187 to 176365—Continued****176297 to 176365—Continued****176303 to 176357—Continued**

176314. No. 9976. *Gehun*. Margaon. Sept. 18. Altitude 6,000 feet.

176315. No. 9983. *Gehun*. Gangi. Sept. 21. Altitude 8,000 feet.

176316. No. 9989. *Gehun*. Genwali. Sept. 24. Altitude 8,000 feet.  
Winter type.

176317. No. 9992. *Gaon*. Genwali.

176318. No. 10003. *Gaon*. Toli. Sept. 25. Altitude 5,000 feet.

176319. No. 10007. *Gaon*. Toli.

176320. No. 10011. *Gaon*. Below Toli. Altitude 4,500 feet.

176321. No. 10017. *Gaon*. Thati Katur. Sept. 26. Altitude 4,500 feet.

176322 to 176357. Winter type, unless otherwise noted.

176322. No. 10024. *Gaon*. Urni. Sept. 27. Altitude 8,000 feet.

176323. No. 10036. *Gaon*. Jaurah. Oct. 1. Altitude 7,000 feet.

176324. No. 10041. *Gaon*. Pilgad. Oct. 2. Altitude 7,500 feet.

176325. No. 10056. *Gehun*. Uttarkashi. Oct. 2. Altitude 3,500 feet.  
Spring type.

176326. No. 10065. *Gehun*. Maleri. Oct. 3. Altitude 4,000 feet.  
Spring type.

176327. No. 10074. Mukpa. Oct. 2. Altitude 8,000 feet.

176328. No. 10090. Jalla. Oct. 3. Altitude 6,500 feet.

176329. No. 10099. Suki. Oct. 3. Altitude 6,000 feet.

176330. No. 10103. Uri. Oct. 3. Altitude 5,800 feet.

176331. No. 10108. Pila. Oct. 3. Altitude 6,000 feet.

176332. No. 10113. Bhatwari. Oct. 5. Altitude 5,000 feet.

176333. No. 10116. Raytal. Oct. 5. Altitude 7,000 feet.

176334. No. 10120. Bankoli. Oct. 9. Altitude 7,000 feet.

176335. No. 10132. Bankoli.

176336. No. 10141. Naogaon. Oct. 12. Altitude 8,000 feet.

176337. No. 10159. Bifa. Oct. 13.

176338. No. 10163. Khursali. Oct. 13.

176339. No. 10173. Banasi. Oct. 13.

176340. No. 10181. Bariya. Oct. 14.

176341. No. 10186. Durvili. Oct. 14.

176342. No. 10193. Waziragarh. Oct. 15.

176343. No. 10208. Kupra. Oct. 16.

176344. No. 10210. Tirkula. Oct. 16.

176345. No. 10223. Pali. Oct. 17.

176346. No. 10230. Sarnaul. Oct. 18.

176347. No. 10238. Ponti. Oct. 18.

176348. No. 10242. Kundar. Oct. 19.

176349. No. 10256. Koshala. Oct. 19.

176350. No. 10262. Sar. Oct. 20.

176351. No. 10265. Dingari. Oct. 20.

**176187 to 176365—Continued****176297 to 176365—Continued****176303 to 176357—Continued****176322 to 176357—Continued**

176352. No. 10272. Barsali. Oct. 21.

176353. No. 10276. Barsali.

176354. No. 10282. Dogra. Oct. 22. Altitude 6,000 feet.

176355. No. 10284. Dogra.

176356. No. 10289. Sialuka.

176357. No. 10299. Jerali. Oct. 23. Altitude 7,000 feet.

176358. No. 10316. *Gehun*. Rikikesh. Oct. 30. Spring type.176359. No. 10319. *Gehun*. Srinagar, Tehri. Oct. 31. Altitude 3,000 feet. Spring type.176360. No. 10322. *Gehun*. Doggaon, Tehri. Nov. 1. Altitude 3,500 feet. Spring type.176361. No. 10329. *Gehun*. Taffi, Tehri. Nov. 1. Altitude 5,000 feet.176362. No. 10332. *Gehun*. Darkot, Tehri. Nov. 2. Altitude 5,000 feet.176363. No. 10344. *Gehun*. Hardwar. Nov. 6. Spring type.176364. No. 10367. *Gehun*. Saharanpur. Nov. 8. Spring type.176365. No. 10386. *Gehun*. Saharanpur.**176366 and 176367. VITIS VINIFERA L. Vitaceae. European grape.**

From Greece. Cuttings presented by the Central Government of Macedonia, Thessalonike. Received Mar. 10, 1949.

176366. *Xynomaizo Kozanis*.176367. *Late Odessa*.**176368 and 176369. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Denmark. Seeds presented by the Plant Breeding Station of Danish Farmers Cooperative, Otoftegaard, Taastrup. Received Mar. 10, 1949.

176368. *Early Otofte* (diploid).176369. *Early Otofte* (tetraploid).**176370. ORYZA SATIVA L. Poaceae.****Rice.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 10, 1949.

No. 5490. Agukiri, Taskopru, Kastamonu. Oct. 6, 1948. Red type.

**176371 and 176372. SPINACIA OLERACEA L. Chenopodiaceae.****Spinach.**

From Italy. Seeds presented by Arturo Ansaloni, Bologna. Received Mar. 8, 1949.

176371. *Monstrans Viroflag*.

176372. Lettuce-like leaf.

**176373 to 176378. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.**

From India. Seeds presented by the Indian Council of Agricultural Research, New Delhi. Received Mar. 8, 1949.

176373. *Chawalia*.176376. *Satia*.176374. *Malkhanian*.176377. *Sirsa* 56.176375. *Pardeshi*.176378. *Surti*.

**176379 to 176381.**

From Sweden. Scions persented by the Horticultural Research Station, Alnarp, Akarp. Received Mar. 11, 1949.

**176379.** *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

*Sonderskov.*

**176380 and 176381.** *RUBUS*. Rosaceae.

**Raspberry.**

**176380.** *Miranda*.

**176381.** *Mitra*.

**176382 to 176806.**

From Turkey. Collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 14, 1949.

Collected in 1948. Received as seeds unless otherwise noted.

**176382 to 176389.** *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae,

**Okra.**

**176382.** No. 8971. Susehri, Sivas. Sept. 18. White flowers.

**176383.** No. 9263. Nigde, Nigde. Sept. 22. Originally from Tarsus, Icel.

**176384.** No. 9379. Market, Aksehir, Konya. Sept. 24.

**176385.** No. 9453. *Amasya*. Market, Ayfon., Ayfon. Sept. 24.

**176386.** No. 9455. *Sultani*. Market, Ayfon., Ayfon. Sept. 24.

**176387.** No. 9510. Seed dealer, Kutahya, Kutahya. Sept. 25.

**176388.** No. 9529. Market, Bilecik, Bilecik. Sept. 27.

**176389.** No. 9577. Government cotton gin, Sakarya, Eskisehir, Sept. 29.

**176390.** *ACER NEGUNDO* L. Aceraceae.

**Boxelder.**

No. 6199. Cankiri, Cankiri. Oct. 27.

**176391 to 176400.** *ALLIUM CEPA* L. Liliaceae.

**Onion.**

**176391.** No. 8957. General store, Susehri, Sivas. Sept. 18.

**176392.** No. 8988. Seed dealer, Sivas, Sivas.

**176393.** No. 9120. Seed dealer, Kayseri, Kayseri. Sept. 20.

**176394.** No. 9218. Urgup, Kayseri. Sept. 22. Local type.

**176395.** No. 9255. Seed handler, Nigde, Nigde. Sept. 22.

**176396.** No. 9373. Market, Aksehir, Konya. Sept. 24.

**176397.** No. 9447. Ayfon, Ayfon. Sept. 24.

**176398.** No. 9491. Seed dealer, Katahya. Sept. 25.

**176399.** No. 9526. Market, Bilecik, Bilecik. Sept. 27.

**176400.** No. 9567. Alpagut, Sakarya, Eskisehir. Sept. 28.

**176401 to 176405.** *ALLIUM PORRUM* L.

**Leek.**

**176401.** No. 8850. Dealer, Erzincan, Erzincan. Sept. 17.

**176402.** No. 9391. Market, Aksehir, Konya. Sept. 24.

**176403.** No. 9451. Ayfon, Ayfon. Sept. 24.

**176404.** No. 9481. Seed dealer, Kutahya, Kutahya. Sept. 25.

**176405.** No. 9530. Market, Bilecik, Bilecik. Sept. 27.

**176406 and 176407.** *ALLIUM SATIVUM* L.

**Garlic.**

**176406.** No. 8890. Seed dealer, Erzincan, Erzincan. Sept. 17. (Bulbs.)

**176407.** No. 8996. Seed dealer, Sivas, Sivas. Sept. 18. (Bulbs.)

**176382 to 176806—Continued**

**176408.** *ANDROPOGON ISCHAEMUM* L. Poaceae.

No. 9518. Collected 10 miles west of Eskisehir. Sept. 25. Growing along irrigation ditch in sugar beet fields of sandy soil.

**176409.** *BOTHRIODCHLOA INTERMEDIA* (R. Brown) A. Camus. Poaceae.

No. 9584. Kuplu, Sakarya, Eskisehir. Sept. 28. On dry rocky hillside.

**176410.** *ANDROPOGON ISCHAEMUM* L. Poaceae.

No. 8936. Nurkah, Erzincan. Sept. 17. Along irrigation ditch in heavy soil.

**176411 to 176415.** *ANETHUM GRAVEOLENS* L. Apiaceae.

**Dill.**

**176411.** No. 8948. General store, Susehri, Sivas. Sept. 18.

**176412.** No. 9228. Seed handler, Nigde, Nigde. Sept. 22.

**176413.** No. 9299. Konya, Konya. Sept. 23.

**176414.** No. 9425 Ayfon, Ayfon. Sept. 24.

**176415.** No. 9534. Market, Bilecik, Bilecik. Sept. 27.

**176416.** *ANTHYLLIS* sp. Fabaceae.

No. 5715. *Agpa.* Akpınar, Bayramic, Canakkale. Oct. 11.

**176417 to 176419.** *APIUM GRAVEOLENS* L. Apiaceae.

**Celery.**

**176417.** No. 9383. Market, Aksehir, Konya. Sept. 24.

**176418.** No. 7417. Ayfon, Ayfon. Sept. 24.

**176419.** No. 9542. Market, Bilecik, Bilecik. Sept. 27.

**176420.** *ATRIPLEX HORTENSIS* L. Chenopodiaceae.

**Garden orach.**

No. 5765. Ayyacik, Canakkale. Oct. 18.

**176421 to 176433.** *BETA VULGARIS* L. Chenopodiaceae.

**Beet.**

**176421.** No. 8844. *Kocabas.* Erzincan, Erzincan. Sept. 17. Originally from Kayseri.

**176422.** No. 8877. Seed dealer, Erzincan, Erzincan. Sept. 17. Sugar type.

**176423.** No. 8939. *Kocabas.* General store, Susehri, Sivas. Sept. 18.

**176424.** No. 8969. *Pazi.* Seed dealer, Sivas, Sivas. Sept. 18.

**176425.** No. 8972. Seed dealer, Sivas, Sivas. Sept. 18. Sugar type.

**176426.** No. 8975. *Kocabas.* Seed dealer, Sivas, Sivas. Sept. 18.

**176427.** No. 9214. *Kocabas.* Urgup, Kayseri. Sept. 22.

**176428.** No. 9230. Seed handler, Nigde, Nigde. Sept. 22.

**176429.** No. 9238. *Kocabas.* Seed handler, Nigde, Nigde. Sept. 22.

**176430.** No. 9395. Market, Aksehir, Konya. Sept. 24. Sugar type.

**176431.** No. 9424. Ayfon, Ayfon. Sept. 24. Sugar type.

**176432.** No. 9436. *Kocabas.* Ayfon, Ayfon. Sept. 24.

**176433.** No. 9565. Alpogut, Sakarya, Eskisehir. Sept. 28. Sugar type.

**176434.** *BETA VULGARIS* var. *CICLA* L.

**Swiss chard.**

No. 5754. Ayyacik, Canakkale. Oct. 18.

**176435 to 176443.** *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. **Cabbage.**

**176435.** No. 8851. Seed dealer, Erzincan, Erzincan. Sept. 17.

**176436.** No. 8898. Seed dealer, Erzincan, Erzincan. Sept. 17.

**176437.** No. 8952. General store, Susehri, Sivas. Sept. 18.

**176438.** No. 8968. Seed dealer, Sivas, Sivas.

**176439.** No. 9257. *Sarma.* Seed handler, Nigde, Nigde. Sept. 22.

**176382 to 176806—Continued****176435 to 176443—Continued**

176440. No. 9384. Market, Aksehir, Konya. Sept. 24.  
 176441. No. 9448. Ayfon, Ayfon. Sept. 24.  
 176442. No. 9507. Seed dealer, Kutahya, Kutahya. Sept. 25.  
 176443. No. 9520. Market, Bilecik, Bilecik. Sept. 27.

**176444 and 176445. BRASSICA RAPA L.****Turnip.**

176444. No. 8861. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176445. No. 9253. Seed handler, Nigde, Nigde. Sept. 22. Originally from village of Koyunlu, Nigde.

**176446. BRASSICA sp.**

- No. 9390. Market, Aksehir, Konya. Sept. 24.

**176447. CAESALPINIA CORIARIA (Jacq.) Willd. Fabaceae.****Divi-divi.**

- No. 5772. Ayvacik, Canakkale. Oct. 18.

**176448 to 176454. CANNABIS SATIVA L. Moraceae.****Hemp.**

176448. No. 5987. *Kendir*. Urfa, Urfa. Oct. 23.  
 176449. No. 8847. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176450. No. 8894. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176451. No. 8985. Seed dealer, Sivas, Sivas. Sept. 18.  
 176452. No. 9011. Grain market, Sivas, Sivas. Originally from village of Celalli, Hafik.  
 176453. No. 9026. Director of Agriculture, Lacin, Corum. Sept. 20.  
 176454. No. 9240. Seed handler, Nigde, Nigde. Sept. 22.

**176455 to 176471. CAPSICUM FRUTESCENS L. Solanaceae.****Redpepper.**

176455. No. 8904. Seed dealer, Erzincan, Erzincan. Sept. 17. Pungent type.  
 176456. No. 8945. General store, Susehri, Sivas. Sept. 18. Fruit tapering and pungent.  
 176457. No. 9001. Seed dealer, Sivas, Sivas. Fruit tapering and pungent.  
 176458. No. 9203. Urgup, Kayseri. Sept. 22. Fruit tapering and pungent.  
 176459. No. 9209. Urgup, Kayseri. Sept. 22. Used for pickling.  
 176460. No. 9243. Seed handler, Nigde, Nigde. Sept. 22. Fruit tapering and sweet.  
 176461. No. 9251. *Dolmalik*. Seed handler, Nigde, Nigde. Sept. 22.  
 176462. No. 9262. Seed handler, Nigde, Nigde. Sept. 22. Fruit long and pungent.  
 176463. No. 9382. *Dolamlık*. Market, Aksehir, Konya. Sept. 24. Sweet type.  
 176464. No. 9386. Market, Aksehir, Konya. Sept. 24. Fruit short and round; pungent.  
 176465 to 176468. Ayfon, Ayfon. Sept. 24.  
 176465. No. 9432. Fruit tapering and pungent.  
 176466. No. 9433. Fruit pungent.  
 176467. No. 9441. Fruit round and pungent.  
 176468. No. 9459. *Dolmalik*.

176469. No. 9540. *Dolmalik*. Market, Bilecik, Bilecik. Sept. 27.

176470. No. 9562. *Dolmalik*. Alpagut, Sakarya, Eskisehir. Sept. 28. Sweet type.

**176382 to 176806—Continued****176455 to 176471—Continued**

176471. No. 9566. Alpabut, Sakarya, Eskisehir. Sept. 28. Fruit long and pungent.

176472. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**

No. 9444. Ayfon, Ayfon. Sept. 24.

176473 to 176482. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**

176473. No. 8710. Tepe, Karakocan, Elazig. Sept. 15.

176474. No. 8860. Seed dealer, Erzincan, Erzincan. Sept. 17. White type.

176475. No. 8895. Seed dealer, Erzincan, Erzincan. Sept. 17.

176476. No. 8921. *Divrik*. Village of Asapalanga, Erzincan. Sep. 17.

176477. No. 8951. General store, Susehri, Sivas. Sept. 18.

176478. No. 9215. *Tuzsus*. Urgup, Kayseri. Sept. 22.

176479. No. 9244. Aslama, Nigde. Sept. 22.

176480. No. 9402. Market, Aksehir, Konya. Sept. 24.

176481. No. 9416. Ayfon, Ayfon. Sept. 24.

176482. No. 9522. Bozuyuk, Bilecik. Sept. 27.

176483. *CISTUS* sp. Cistaceae.

No. 5796. *Pamukluk*. Ayvacik, Canakkale. Oct. 18.

176484. *CISTUS* sp.

No. 5791. *Pamuklar*. Ayvacik, Canakkale. Oct. 18.

176485 to 176499. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

176485. No. 8814. *Beydan*. Kalan, Tunceli. Sept. 16.

176486. No. 8815. Kalan, Tunceli. Sept. 16.

176487. No. 8840. Pulumur, Tunceli.

176488. No. 8881. Seed dealer, Erzincan, Erzincan. Sept. 17.

176489. No. 8958. General store, Susehri, Sivas. Sept. 18. White seeds.

176490. No. 8960. General store, Susehri, Sivas. Sept. 18. Black seeds.

176491. No. 8977. Seed dealer, Sivas, Sivas. Sept. 18.

176492. No. 9229. Seed handler, Nigde, Nigde. Sept. 22. Originally from Adana, Nigde.

176493. No. 9236. Nigde, Nigde. Originally from Kayseri, Kayseri.

176494. No. 9371. Market, Aksehir, Konya. Sept. 24.

176495. No. 9376. *Yeniduna*. Market, Aksehir, Konya. Sept. 24.

176496. No. 9421. Ayfon, Ayfon. Sept. 24.

176497. No. 9475. Seedsman, Kutahya, Kutahya. Sept. 25. Black.

176498. No. 9568. Village of Alpabut, Sakarya, Eskisehir. Sept. 28.

176499. No. 9572. Village of Alpabut, Sakarya, Eskisehir. Sept. 28.

176500. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**

No. 9003. Seed dealer, Sivas, Sivas. Sept. 19.

176501. *CORNUS MAS* L. Cornaceae. **Cornelian-cherry.**

No. 5784. *Cornel tree*. Ayvacik, Canakkale. Oct. 18.

176502 to 176515. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

176502. No. 8810. *Mallakoy*. Kalan, Tunceli. Sept. 16. Originally from village of Turusmek, Tunceli.



## 176382 to 176806—Continued

## 176502 to 176515—Continued

176503. No. 8812. *Kalan*, Tunceli. Local type.  
 176504. No. 8841. *Pulumur*, Tunceli. Originally from Erzincan, Erzincan.  
 176505. No. 8843. Ten miles east of Erzincan, Erzincan. Sept. 16.  
 Small ornamental.  
 176506. No. 8863. Seed dealer, Erzincan, Erzincan.  
 176507. No. 8942. *Hasanbey*. General store, Susehri, Sivas. Sept. 18.  
 176508. No. 8978. Seed dealer, Sivas.  
 176509. No. 9137. Seed dealer, Kayseri, Kayseri. Sept. 21. Local types.  
 176510. No. 9375. *Kirkagac*. Market, Aksehir, Konya. Sept. 24.  
 176511. No. 9420. Ayfon, Ayfon. Sept. 24. Local type.  
 176512. No. 9443. *Kirkagac*. Ayfon.  
 176513. No. 9559. *Yaz*. Village of Alpagat, Sakarya, Eskisehir. Sept. 28.  
 176514. No. 9563. Village of Alpagat, Sakarya, Eskisehir. Sept. 28. Winter type.  
 176515. No. 9578. Government cotton gin, Sakarya, Eskisehir.

176516 to 176526. *CUCUMIS SATIVUS* L.

Cucumber.

176516. No. 8571. Darende, Malatya. Sept. 12.  
 176517. No. 8876. *Halep*. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176518. No. 8902. Seed dealer, Erzincan, Erzincan. Sept. 17. Originally from Malatya, Malatya.  
 176519. No. 9198. Urgup, Kayseri. Sept. 22. Local type.  
 176520. No. 9211. *Kuhcu*. Urgup, Kayseri. Sept. 22.  
 176521. No. 9232. *Samgoya*. Seed handler, Nigde, Nigde. Sept. 22.  
 176522. No. 9366. *Halep*. Market, Aksehir, Konya. Sept. 24.  
 176523. No. 9440. Ayfon, Ayfon. Sept. 24.  
 176524. No. 9480. Seedsman, Kutahya, Kutahya. Sept. 25. Long type.  
 176525. No. 9539. Market, Bilecik, Bilecik. Sept. 27.  
 176526. No. 9569. Alpagut, Sakarya, Eskisehir. Sept. 28.

176527 to 176530. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae.

Squash.

176527. No. 8899. *Kestane*. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176528. No. 9246. *Bal*. Seed handler, Nigde, Nigde. Sept. 22.  
 176529. No. 9462. *Bal*. Ayfon, Ayfon. Sept. 24.  
 176530. No. 9528. *Kestane*. Market, Bilecik, Bilecik. Sept. 27.

176531. *CUCURBITA MOSCHATA* Duchesne.

Cushaw.

- No. 9434. *Cihan*. Ayfon, Ayfon. Sept. 24.

176532 to 176553. *CUCURBITA PEPO* L.

Pumpkin.

176532. No. 9564. Alpagut, Sakarya, Eskisehir. Sept. 28. Yellow type.  
 176533. No. 8811. *Kalan*, Tunceli. Sept. 16. Sweet type.

## 176534 to 176537. Erzincan, Erzincan.

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| 176534. No. 8845. <i>A m a s y a</i> .<br>Seed dealer. Sept. 17. Originally from Amasya, Amasya. | 176536. No. 8858. <i>Bal</i> .<br>176537. No. 8864. <i>Sakiz</i> . |
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## 176535. No. 8857.

176538. No. 8974. *Dolma*. Seed dealer, Sivas, Sivas. Sept. 18.  
 176539. No. 8997. Seed dealer, Sivas, Sivas. Sept. 18.

## 176382 to 176806—Continued

## 176532 to 176553—Continued

176540. No. 9200. *Sakiz*. Urgup, Kayseri. Sept. 22.  
 176541. No. 9213. *Sakiz*. Urgup, Kayseri. Sept. 22.  
 176542. No. 9226. Seed handler, Nigde, Nigde. Sept. 22. Winter type.  
 176543. No. 9247. *Dolma*. Seed handler, Nigde, Nigde. Sept. 22.  
 176544. No. 9275. Grain market, Ereyli, Konya. Sept. 23. Originally from Mersin, Icel.  
 176545. No. 9351. *Kolsus*. Konya, Konya. Sept. 23.  
 176546. No. 9370. *Dolmalik*. Market, Aksehir, Konya. Sept. 24.  
 176547. No. 9393. Market, Aksehir, Konya. Sept. 24. Winter type.  
 176548. No. 9437. *Sakiz*. Ayfon, Ayfon. Sept. 24.  
 176549. No. 9477. *Dolmalik*. Seed dealer, Kutahya, Kutahya. Sept. 25.  
 176550. No. 9543. Market, Bilecik, Bilecik. Sept. 27.  
 176551. No. 9558. Grain market, Eskisehir, Eskisehir. Sept. 27.  
 176552. No. 9561. Alpagut, Sakarya, Eskisehir. Cooking type.  
 176553. No. 9576. Alpagut, Sakarya, Eskisehir.

176554. *CUPRESSUS* sp. Pinaceae.

No. 5778. *Selvi*. Ayvacik, Canakkale. Oct. 18.

176555. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

No. 8966. Three miles west of Susehri, Sivas. Sept. 18. Along roadside in heavy soil.

176556 to 176565. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

176556. No. 8848. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176557. No. 8990. Market, Sivas, Sivas. Sept. 18.  
 176558. No. 9235. Seed handler, Nigde, Nigde. Sept. 22. Dark-colored type.  
 176559. No. 9193. Urgup, Kayseri. Sept. 22.  
 176560. No. 9400. Market, Aksehir, Konya. Sept. 24. Root reddish.  
 176561. No. 9426. Ayfon, Ayfon. Sept. 24. Root reddish.  
 176562. No. 9438. Ayfon, Ayfon. Black type.  
 176563. No. 9482. Seedsman, Kutahya, Kutahya. Sept. 25.  
 176564. No. 9527. Market, Bilecik, Bilecik. Sept. 27.  
 176565. No. 9541. Bilecik, Bilecik. Originally from Gulumbe, Bilecik.

176566. *DATURA* sp. Solanaceae.

No. 8934. Mitini, Erzincan. Sept. 17. Growing wild at bottom of stone wall along village street.

176567. *EUGENIA* sp. Myrtaceae.

No. 5801. *Poruk*. Ayvacik, Canakkale. Oct. 18.

176568. *FRAXINUS* sp. Oleaceae.

Ash.

No. 6197. *Disbudak*. Cankiri, Cankiri. Oct. 27.

176569. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

No. 8931. Government Fruit Tree Nursery, Hah, Erzincan. Sept. 17.

176570 to 176576. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

176570. No. 8959. General store, Susehir, Sivas. Sept. 18.  
 176571. No. 9252. Seed handler, Nigde, Nigde. Sept. 22.  
 176572. No. 9395. Market, Aksehir, Konya. Sept. 24.

**176382 to 176806—Continued****176570 to 176576—Continued**

176573. No. 9403. Market, Aksehir, Konya. Sept. 24.  
 176574. No. 9442. Ayfon, Ayfon. Sept. 24. Seeds black.  
 176575. No. 9474. Seedsman, Kutahya, Kutahya. Sept. 25.  
 176576. No. 9556. Grain market, Eskisehir, Eskisehir. Sept. 27. Black seeds.

**176577 to 176594. LACTUCA SATIVA L. Asteraceae. Lettuce.**

- 176577 to 176581. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176577. No. 8849. *Gobekli*. 176580. No. 8901.  
 176578. No. 8865. Leaves curly. 176581. No. 8911. *Top*. Head type.  
 176579. No. 8885. Leaves curly.  
 176582. No. 8956. General store, Susehri, Sivas. Sept. 18. Leaves curly.  
 176583. No. 8983. Seed dealer, Sivas, Sivas. Sept. 18. Leaves curly.  
 176584. No. 9254. Seed handler, Nigde, Nigde. Sept. 22. Leaves curly.  
 176585. No. 9291. *Gobekli*. Konya, Konya. Sept. 23.  
 176586. No. 9380. *Gobekli*. Market, Aksehir, Konya. Sept. 24.  
 176587. No. 9381. Market, Aksehir, Konya. Sept. 24. Leaves curly.  
 176588 to 176591. Ayfon, Ayfon. Sept. 24.

176588. No. 9427. *Adi*. Sept. 24. 176590. No. 9456. Leaves curly.  
 176589. No. 9429. Leaves curly. 176591. No. 9460.

176592. No. 9505. *Gobekli*. Seedsman, Kutahya, Kutahya. Sept. 25.  
 176593. No. 9506. Seedsman, Kutahya, Kutahya. Sept. 25. Leaves curly.  
 176594. No. 9521. *Gobekli*. Market, Bilecik, Bilecik. Sept. 27.

**176595 to 176599. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae. Calabash gourd.**

176595. No. 8874. *Sus*. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176596. No. 9334. Seed dealer, Konya, Konya. Sept. 23. Long type.  
 176597. No. 9464. Ayfon, Ayfon. Sept. 24. Fruit 5 feet long.  
 176598. No. 9397. *Tuz*. Market, Aksehir, Konya.  
 176599. No. 9439. *Yuzme*. Ayfon, Ayfon.

**176600. LATHYRUS SATIVUS L. Fabaceae. Bittervetch.**

- No. 5945. *Avka*. Biga, Canakkale. Oct. 23.

**176601. LAURUS NOBILIS L. Lauraceae. Grecian laurel.**

- No. 5771. Ayyacik, Canakkale. Oct. 18.

**176602 to 176611. LENS CULINARIS Medic. Fabaceae. Lentil.**

176602. No. 8824. Partek, Tunceli. Sept. 16.  
 176603. No. 8859. *Sultani*. Seed dealer, Erzincan. Sept. 17.  
 176604. No. 9008. Kunbet, Yildizili, Sivas. Sept. 19.  
 176605. No. 9233. Seed handler, Nigde, Nigde. Sept. 22. Local type.  
 176606. No. 9270. Grain market, Ereyli, Konya. Sept. 23.  
 176607. No. 9286. Seed dealer, Konya, Konya.  
 176608. No. 9365. *Kucuk*. Market, Aksehir, Konya. Sept. 24.  
 176609. No. 9368. Market, Aksehir, Konya. Sept. 24.  
 176610. No. 9406. *Sultani*. Market, Ayfon, Ayfon. Sept. 24.  
 176611. No. 9553. Eskisehir, Eskisehir. Sept. 27.

**176382 to 176806—Continued**

- 176612 to 176616.** *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**  
 176612. No. 8875. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176613. No. 8953. General store, Susehri, Sivas. Sept. 18.  
 176614. No. 8987. Market, Sivas, Sivas.  
 176615. No. 9208. Urgup, Kayseri. Sept. 22. Local type.  
 176616. No. 9266. Nigde, Nigde. Sept. 22.
- 176617 to 176623.** *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 176617. No. 8944. General store, Susehri, Sivas. Sept. 18. Local type.  
 176618. No. 8999. Market, Sivas, Sivas.  
 176619. No. 9023. Sarimbey, Corum. Sept. 20.  
 176620. No. 9245. Seed handler, Nigde, Nigde. Sept. 22. Originally from village of Suvermes.  
 176621. No. 9419. Grain market, Ayfon, Ayfon. Sept. 24. Local type.  
 176622. No. 9478. Kutahya, Kutahya. Sept. 25.  
 176623. No. 9547. Grain market, Eskisehir, Eskisehir. Sept. 27.
- 176624.** *LOLIUM TEMULENTUM* L. Poaceae. **Darnel.**  
 No. 5761. *Delice*. Ayvacik, Canakkale. Oct. 18.
- 176625 to 176636.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 176625. No. 8878. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176626. No. 8907. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176627. No. 8943. General store, Susehri, Sivas. Sept. 18.  
 176628. No. 8992. Seed dealer, market, Sivas, Sivas.  
 176629. No. 9204. Urgup, Kayseri. Sept. 22. Local type.  
 176630. No. 9259. Seed handler, Nigde, Nigde. Sept. 22.  
 176631. No. 9394. Market, Aksehir, Konya. Sept. 24.  
 176632. No. 9435. *Ufak*. Ayfon, Ayfon. Sept. 24. Fruit small.  
 176633. No. 9457. *Buyuk*. Ayfon, Ayfon. Sept. 24. Fruit large.  
 176634. No. 9485. Seed dealer, Kutahya, Kutahya. Sept. 15.  
 176635. No. 9573. Alpagut, Sakarya, Eskisehir. Sept. 28.  
 176636. No. 9583. Alpagut, Sakarya, Eskisehir. Sept. 28.
- 176637 to 176639.** *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
 176637. No. 8908. Seed dealer, Erzincan, Erzincan. Sept. 17. Originally from Kayseri, Kayseri.  
 176638. No. 9454. Grain market, Ayfon, Ayfon. Sept. 24.  
 176639. No. 9487. Seed dealer, Kutahya, Kutahya. Sept. 25.
- 176640 to 176643.** *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 176640. No. 8853. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176641. No. 8946. General store, Susehri, Sivas. Sept. 18.  
 176642. No. 8991. Market, Sivas, Sivas.  
 176643. No. 9302. Konya, Konya. Sept. 23.
- 176644.** *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**  
 No. 9401. Market, Aksehir, Konya. Sept. 24.
- 176645.** *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 9476. Seedsman, Kutahya, Kutahya. Sept. 25.

## 176382 to 176806—Continued

176646. *OCTIMUM BASILICUM* L. Menthaceae. Basil.  
No. 6848. *Reghan*. Seedsman, Tokat, Tokat. July 27.
- 176647 and 176648. *OLEA EUROPAEA* L. Oleaceae. Olive.  
176647. No. 5785. *Yabani Zeytin*. Ayvacik, Canakkale. Oct. 18.  
176648. No. 5794. *Hindam Igdesi*. Adatepe, Ayvacik, Canakkale.
- 176649 to 176651. *ONOBRYCHIS VICIAEFOLLA* Scop. Fabaceae. Sainfoin.  
176649. No. 8886. Seed dealer, Erzincan, Erzincan. Sept. 17. Local type.  
176650. No. 8835. Director of Agriculture, Kalan, Tunceli. Sept. 16.  
176651. No. 8927. Government Fruit Tree Nursery farm, Hah, Erzincan. Sept. 17.
- 176652 to 176655. *PANICUM MILIACEUM* L. Poaceae. Proso.  
176652. No. 8829. Pulumur, Tunceli. Sept. 16.  
176653. No. 8834. Nazimiye, Tunceli.  
176654. No. 9509. Kutahya, Kutahya.  
176655. No. 9548. Cifteler, Eskisehir. Sept. 27.
- 176656 to 176661. *PAPAVR SOMNIFERUM* L. Papaveraceae. Opium poppy.  
176656. No. 8962. *Katmerli*. General store, Susehri, Sivas. Sept. 18.  
176657. No. 8984. Market, Sivas, Sivas.  
176658. No. 9222. Urgup, Kayseri. Sept. 22.  
176659. No. 9412. Ayfon, Ayfon. Sept. 24. Flowers yellow.  
176660. No. 9413. Ayfon.  
176661. No. 9551. Eskisehir, Eskisehir. Sept. 27. Flowers yellow.
176662. *PENSTEMON* sp. Scrophulariaceae.  
No. 5780. *Horoz Ibigi*. Ayvacik, Canakkale. Oct. 18.
176663. *PENSTEMON* sp.  
No. 5786. Ayvacik, Canakkale. Oct. 18.
- 176664 to 176669. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
176664. No. 8955. General store, Susehri, Sivas. Sept. 18.  
176665. No. 9220. Urgup, Kayseri. Sept. 22.  
176666. No. 9258. Seed handler, Nigde, Nigde. Sept. 22. Local type.  
176667. No. 9374. Market, Aksehir, Konya. Sept. 24.  
176668. No. 9446. Ayfon, Ayfon. Sept. 24.  
176669. No. 9508. Seedsman, Kutahya, Kutahya. Sept. 25.
- 176670 and 176671. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
176670. No. 8823. *Cali*. Pertek, Tunceli. Sept. 16.  
176671. No. 8855. *Barbunya*. Seed dealer, Erzincan, Erzincan. Sept. 17.
176672. *PHASEOLUS COCCINEUS* L. Scarlet runner bean.  
No. 8888. Seed dealer, Erzincan, Erzincan. Sept. 17.
- 176673 to 176718. *PHASEOLUS VULGARIS* L. Common bean.  
176673 to 176676. Seed dealer, Erzincan, Erzincan. Sept. 17.  
176673. No. 8892. *Niksar*. 176675. No. 8897. *Sohret*.  
176674. No. 8896. Sweet type. 176676. No. 8900. (No data.)  
176677. No. 8922. *Ziraat*. Village of Asapalanga, Erzincan. Sept. 17.  
176678. No. 8950. *Horoz*. General store, Susehri, Sivas. Sept. 18.

## 176382 to 176806—Continued

## 176673 to 176718—Continued

176679. No. 8954. *Selamik*. General store, Susehri, Sivas. Sept. 18.  
 176680. No. 8970. *Cicek*. Seed dealer, Sivas, Sivas. Sept. 18.  
 176681. No. 8976. *Aysekadin*. Sivas, Sivas.  
 176682. No. 8979. Sivas. Sweet type.  
 176683. No. 8998. Sivas. Bush type.  
 176684. No. 9181. *Kukgunluk*. Seed dealer, Kayseri, Kayseri. Sept. 21.  
 176685. No. 9189. Seed dealer, Kayseri, Kayseri. Sept. 21. Flowers yellow.  
 176686. No. 9195. *Aysekadin*. Urgup, Kayseri. Sept. 22. Local type.  
 176687. No. 9201. Urgup, Kayseri. Sept. 22.  
 176688. No. 9205. *Barbunya*. Urgup, Kayseri. Sept. 22.  
 176689. No. 9231. *Candir*. Seed handler, Nigde, Nigde. Sept. 22.  
 176690. No. 9237. *Dilmason*. Nigde, Nigde. Originally from village of Tepekoy, Nigde.  
 176691. No. 9242. *Barbunya*. Maden, Camardi, Nigde. Sept. 22.  
 176692. No. 9274. *Sira*. Grain market, Ereyli, Konya. Sept. 23.  
 176693. No. 9298. *Basara Cali*. Konya, Konya. Sept. 23.

## 176694 to 176700. Market, Aksehir, Konya. Sept. 24.

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|---|--|
| 176694. No. 9364. <i>Otrak</i> .                              | 176698. No. 9388. <i>Ipliksiz Otrak</i> . Stringless type. |
| 176695. No. 9369. <i>Cicek</i> .                              | 176699. No. 9396. <i>Cali</i> .                            |
| 176696. No. 9377. <i>Aysekadin</i> .                          | 176700. No. 9399. <i>Iplikli Beyaz Gomekli Otrak</i> .     |
| 176697. No. 9378. <i>Ipliksiz Barbunya</i> . Stringless type. |  |

## 176701 to 176708. Grain market, Ayfon, Ayfon. Sept. 24.

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| 176701. No. 9408. <i>Tavuk Bogrulce</i> .                | 176705. No. 9415. <i>Kilciksiz</i> . Pod smooth.         |
| 176702. No. 9402. <i>Kokuz</i> .                         | 176706. No. 9422.  |
| 176703. No. 9410. <i>Kaymak</i> . Flowers cream-colored. | 176707. No. 9450. <i>Barbunya</i> .                      |
| 176704. No. 9414. <i>Aysekadin</i> .                     | 176708. No. 9463. <i>Kaymak</i> . Flowers cream-colored. |

## 176709 to 176714. Seedsmen, Kutahya. Sept. 25.

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|-------------------------------------|-------------------|
| 176709. No. 9466. <i>Kilcikli</i> . | 176712. No. 9471. |
| 176710. No. 9467. <i>Kirmasti</i> . | 176713. No. 9483. |
| 176711. No. 9470. <i>Barbunya</i> . | 176714. No. 9502. |

176715. No. 9554. *Aysekadin*. Keskin, Eskisehir. Sept. 27.176716. No. 9560. *Yelan*. Alpagut, Sakarya, Eskisehir.

## 176717. No. 9571. Alpagut, Sakarya, Eskisehir.

## 176718. No. 9574. Alpagut, Sakarya, Eskisehir.

176719. *PINUS* sp. Pinaceae.

Pine.

No. 5802. Ayvacik, Canakkale. Oct. 18.

176720. *PISTACIA* sp. Anacardiaceae.No. 5805. *Menengic*. Ayvacik, Canakkale.176721. *PISUM SATIVUM* L. Fabaceae.

Pea.

No. 9538. Market, Bilecik, Bilecik. Sept. 27. Originally from Hasankoy Susurluk, Bursa.

## 176382 to 176806—Continued

- 176722 to 176726. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.  
 176722. No. 8884. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176723. No. 8941. General store, Susehri, Sivas. Sept. 18.  
 176724. No. 8995. Seed dealer, market place, Sivas, Sivas.  
 176725. No. 9301. Konya, Konya. Sept. 23.  
 176726. No. 9449. Ayfon, Ayfon. Sept. 24.
176727. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.  
 No. 8925. Government Fruit Tree Nursery, Hah, Erzincan. Sept. 17.
176728. *PRUNUS MAHALEB* L. Mahaleb cherry.  
 No. 8930. Government Fruit Tree Nursery, Hah, Erzincan. Sept. 17.
176729. *PRUNUS* sp.  
 No. 5810. *Delî Erik Agaci*. Ayvacik, Canakkale. Oct. 18. Wild plum.
176730. *PRUNUS* sp.  
 No. 5814. Ayvacik, Canakkale.
176731. *QUERCUS COCCIFERA* L. Fagaceae. Kermes oak.  
 No. 5793. *Dikenli Pimar*. Ayvacik, Canakkale.
176732. *QUERCUS SUBER* L. Cork oak.  
 No. 6193. *Ak Mese*. Kutudere, Elazig. Oct. 27.
176733. *QUERCUS* sp. Oak.  
 No. 5781. *Mere Agaci*. Arikli, Ayvacik, Canakkale. Oct. 18.
176734. *QUERCUS* sp. Oak.  
 No. 6192. *Pirnal Meresi*. Kutudere, Elazig.
176735. *QUERCUS* sp. Oak.  
 No. 6194. *Kara Mese*. Kutudere, Elazig.
- 176736 to 176749. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 176736. No. 5756. Ayvacik, Canakkale. Oct. 18.
- 176737 to 176739. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 176737. No. 8873. Root red.  
 176738. No. 8891. Root red.  
 176739. No. 8912. Root blackish.
176740. No. 9000. Seed dealer, Sivas, Sivas. Sept. 18. Root red.
- 176741 to 176743. Seed handler, Nigde, Nigde. Sept. 22.  
 176741. No. 9249. Root tapering, red.  
 176742. No. 9264. Root white.  
 176743. No. 9265. Root round and red.
176744. No. 9389. Market, Aksehir, Konya. Sept. 24.
176745. No. 9418. Ayfon, Ayfon. Sept. 24. Root small, round, and red.
176746. No. 9458. Ayfon, Ayfon. Long tapering type.
176747. No. 9486. Seedsman, Kutahya, Kutahya. Sept. 25. Root red.
176748. No. 9493. Seedsman, Kutahya, Kutahya. Sept. 25. Root white.
176749. No. 9531. Market, Bilecik, Bilecik. Sept. 27. Root red.
176750. *RHUS* sp. Anacardiaceae. Sumac.  
 No. 5766. Ayvacik, Canakkale. Oct. 18.

**176382 to 176806—Continued**

176751. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
No. 8838. Hankoy, Baskil, Elazig. Sept. 16.
176752. *ROSA* sp. Rosaceae. **Rose.**  
No. 5806. *Deli Göl Tohumu*. Acatepe, Ayvacik, Canakkale. Oct. 18.
176753. *SAMBUCUS* sp. Caprifoliaceae.  
No. 5813. *Ulver*. Ayvacik, Canakkale.
- 176754 and 176755. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**  
176754. No. 8828. Pulumur, Tunceli. Sept. 16.  
176755. No. 8831. Hozat, Tunceli.
- 176756 to 176764. *SOLANUM MELOGENA* L. Solanaceae. **Eggplant.**  
176756. No. 8980. Market, Sivas, Sivas. Sept. 18. Long type.  
176757. No. 9219. Urgup, Kayseri. Sept. 22. Fruit white and round.  
176758. No. 9260. *Dolmalik*. Seed handler, Nigde, Nigde. Sept. 22.  
176759. No. 9367. Market, Aksehir, Konya. Sept. 24.  
176760. No. 9428. Ayfon, Ayfon. Sept. 24. Fruit round.  
176761. No. 9445. *Kemer*. Ayfon, Ayfon.  
176762. No. 9535. Market, Bilecik, Bilecik. Sept. 27. Fruit black.  
176763. No. 9580. Village of Alpagut, Sakarya, Eskisehir. Sept. 28.  
176764. No. 9582. Village of Alpagut, Sakarya, Eskisehir. Sept. 28. Fruit reddish.
176765. *SOPHORA* sp. Fabaceae.  
No. 6200. Cankiri, Cankiri. Oct. 27.
- 176766 and 176767. *SORGHUM VULGARE* Pers. Poaceae.  
176766. No. 9387. Market, Aksehir, Konya. Sept. 24.  
176767. No. 9536. Market, Bilecik, Bilecik. Sept. 27. Broomcorn.
176768. *SPARTIUM JUNCEUM* L. Fabaceae. **Weavers-broom.**  
No. 5800. *Katir Kayrugu Agaci*. Ayvacik, Canakkale. Oct. 18.
- 176769 to 176780. *SPINACIA OLERACEA* L. Chenopodiaceae. **Spinach.**  
176769. No. 8872. Seed dealer, Erzincan, Erzincan. Sept. 17. Seeds smooth; originally from Istanbul.  
176770. No. 8903. Erzincan, Erzincan.  
176771. No. 8993. Seed dealer, Sivas, Sivas. Sept. 18. Seeds rough.  
176772. No. 9261. Seed handler, Nigde, Nigde. Sept. 22.  
176773. No. 9297. Konya, Konya. Sept. 23. Seeds rough.  
176774. No. 9404. Market, Aksehir, Konya. Sept. 24. Seeds smooth.  
176775. No. 9430. Ayfon, Ayfon. Sept. 24. Seeds smooth.  
176776. No. 9452. Ayfon, Ayfon. Seeds rough.  
176777. No. 9519. Market, Bilecik, Bilecik. Sept. 27. Seeds smooth.  
176778. No. 9524. Deresakar, Bilecik. Seeds smooth.  
176779. No. 9537. Karaven, Sogut, Bilecik. Seeds rough.  
176780. No. 9575. Village of Alpagut, Sakarya, Eskisehir. Sept. 28. Seeds smooth.
176781. *STYRAX OFFICINALIS* L. Styracaceae. **Storax.**  
No. 5735. *Tesbih Cekirdegi*. Ayvacik, Canakkale. Oct. 18.



**176382 to 176806—Continued****176782.** *THERMOPSIS* sp. Fabaceae.No. 5795. *Kokulu Emecek*. Ayvacik, Canakkale.**176783.** *THERMOPSIS* sp.No. 5808. *Gevsi Tohumu*. Ayvacik. Shrub.**176784.** *TILIA* sp. Tiliaceae.

No. 8926. Government Fruit Tree Nursery farm, Hah, Erzincan. Sept. 17. Originally from Istanbul, Istanbul.

**176785 to 176787.** *VICIA ERVILIA* (L.) Willd. Fabaceae.**Vetch.**

176785. No. 7170. Kisante, Bayburt, Gumusane. Aug. 5.

176786. No. 9392. Market, Aksehir, Konya. Sept. 24.

176787. No. 9468. Grain market, Bozca Hoyuk, Kutahya. Sept. 25.

**176788 to 176792.** *VICIA FABA* L.**Broadbean.**

176788. No. 8852. Seed dealer, Erzincan, Erzincan. Sept. 17. Local type.

176789. No. 8982. Market, Sivas, Sivas. Sept. 18.

176790. No. 9256. Seed handler, Nigde, Nigde. Sept. 22.

176791. No. 9398. Market, Aksehir, Konya. Sept. 24.

176792. No. 9523. Market, Bilecik, Bilecik. Sept. 27. Originally from Karabudu, Susurluk, Bursa.

**176793 to 176795.** *VICIA SATIVA* L.**Common vetch.**

176793. No. 8854. Seed dealer, Erzincan, Erzincan. Sept. 17.

176794. No. 8887. Seed dealer, Erzincan, Erzincan. Sept. 17. Local type.

176795. No. 8961. General store, Susehri, Sivas. Sept. 18.

**176796.** *VIGNA SINENSIS* (Torner) Savi. Fabaceae.**Cowpea.**

No. 8879. Seed dealer, Erzincan, Erzincan. Sept. 17.

**176797 and 176798.** *VITEX AGNUS-CASTUS* L. Verbenaceae. **Lilac chaste-tree.**176797. No. 5757. *Ayid*. Ayvacik, Canakkale. Oct. 18.176798. No. 5812. *Hayit Acagi*. Ayvacik, Canakkale.**176799 to 176806.** *ZEA MAYS* L. Poaceae.**Corn.**

176799. No. 8808. Kalan, Tunceli. Sept. 16. Grain red.

176800. No. 8893. Seed dealer, Erzincan, Erzincan. Sept. 17.

176801. No. 8910. Erzincan, Erzincan. Popcorn.

176802. No. 8932. Government Fruit Tree Nursery farm, Hah, Erzincan.

176803. No. 9372. Market, Aksehir, Konya. Sept. 24.

176804. No. 9405. Ayfon, Ayfon. Sept. 24. Popcorn.

176805. No. 9533. Gokpunar, Bilecik. Sept. 27.

176806. No. 9549. Cifteler, Eskisehir.

**176807.** *CRYPTOSTEGIA GRANDIFLORA* R. Br. Asclepiadaceae.**Palay rubbervine.**

From Haiti. Presented by Arthur W. Bechtel, Rubber Plant Field Station, Jérémie. Received Mar. 18, 1949.

**176808.** *CASTANOPSIS* sp. Fagaceae.

From China. Seeds presented by Dr. Jerry C. R. Yang, Central Forestry Research Bureau, Ko-loh-shan, Chungking. Received Mar. 18, 1949.

**176809 and 176810. MISCANTHUS spp. Poaceae.**

From Formosa. Seeds presented by Dr. C. S. Loh, Pingtung. Received Mar. 18, 1949.

176809. *MISCANTHUS* sp.

176810. *MISCANTHUS* sp.

**176811 to 176815. RHODODENDRON spp. Ericaceae.**

From Formosa. Seeds presented by C. L. Meng, Taipeh. Received Mar. 21, 1949.

176811. *RHODODENDRON* sp.

*I.*

176812. *RHODODENDRON* sp.

*II.*

176813. *RHODODENDRON* sp.

*III.*

176814. *RHODODENDRON* sp.

*IV.*

176815. *RHODODENDRON* sp.

*V.*

**176816. CARICA MONOICA Desf. Papayaceae.**

From Peru. Seeds presented by an unknown donor. Received Jan. 28, 1949.

**176817 to 176820.**

From England. Trees presented by Laxton Bros., Bedford Ltd., Bedford. Received Mar. 14, 1949.

176817 to 176819. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

176817. *Laxton's Victory.*

176818. *Laxton's Coronation.*

176819. *Laxton's Reward.*

176820. *PYRUS COMMUNIS* L. Malaceae.

**Pear.**

*Laxton's Foremost.*

**176821. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From Greece. Cuttings collected by Dr. H. P. Olmo, University of California, Davis, Calif. Received Mar. 14, 1949.

**176822 to 176829. SESAMUM INDICUM L. Pedaliaceae. Sesame.**

From Colombia. Seeds presented by the American Embassy, Bogotá. Received Mar. 15, 1949.

176822. *Aceituna.*

176826. *Medellin.*

176823. *Chinesi.*

176827. *Medellin.*

176824. *Espanol Grande.*

176828. *Pardo Moreno.*

176825. *Marron.*

176829. No. 83573.

**176830 to 176833. ALLIUM CEPA L. Liliaceae.**

**Onion.**

From India. Bulbs collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 15, 1949.

Collected in 1949.

176830. No. 11440. *Dungari.* Jamnagar, Kathiawar, Bombay. Feb. 19.

176831. No. 11439. *Dungari.* Jamnagar, Kathiawar, Bombay. Feb. 19.

**176830 to 176833—Continued**

176832. No. 11438. Jamnagar, Kathiawar, Bombay. Feb. 19.

176833. No. 11442. *Kanda*. Broach, Bombay, Bombay. Feb. 22.**176834 to 176837. LACTUCA SATIVA L. Asteraceae. Lettuce.**

From Austria. Seeds presented by A. Beer, University Botanic Garden, Innsbruck, Tyrol. Received Mar. 9, 1949.

176834. *Askania*.176836. *Pariser*.176835. *May-King*.176837. *Roman*.**176838 to 176841. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.**

From England. Seeds presented by Garton's Ltd., Warrington. Received Mar. 15, 1949.

176838. *Aberystwyth* S. 143.176840. *Mother Akaroa*.176839. *Aberystwyth* S. 37.176841. *Brage*.**176842. CROTALARIA JUNCEA L. Fabaceae. Sunn-hemp.**

From India. Seeds obtained through the Division of Cotton and Fiber Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 16, 1949.

**176843 to 176847. PRIMULA. Primulaceae.****Primrose.**

From England. Plants presented by Perry's Hardy Plant Farm, Enfield. Received Mar. 17, 1949.

176843. *Amaranth Plena*.176846. *Croussei Plena*.176844. *Bonaccord Gem*.176847. *Sanguinea Plena*.176845. *Bonaccord Lavender*.**176848. TARAXACUM OBTUSILOBUM Dahlst. Asteraceae.**

From Denmark. Seeds presented by Dr. Th. Sorenson, Royal Agriculture College, Copenhagen. Received Mar. 17, 1949.

**176849 to 177118.**

From Turkey. Collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 21, 1949.

Collected in 1948. Received as seeds unless otherwise noted.

**176849 to 176852. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.**

176849. No. 5598. Yaslimizar, Suruc, Urfa. Oct. 9.

176850. No. 6157. Can, Canakkale. Oct. 27.

176851. No. 9313. *Konya Hatep*. Konya, Konya. Sept. 23.176852. No. 9331. *Yaban*. Konya.**176853. AEGILOPS CYLINDRICA Host. Poaceae.**

No. 5310. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13.

**176854 to 176856. ALLIUM CEPA L. Liliaceae. Onion.**

176854. No. 4444. Ankara, Ankara. Nov. 10. Originally from Tekirdag, Tekirdag.

176855. No. 9347. Seed dealer, Konya, Konya. Sept. 23. Tapering type.

176856. No. 9348. *Topak*. Seed dealer, Konya, Konya. Sept. 23.**176857 to 176859. ALLIUM PORRUM L.****Leek.**

176857. No. 9250. Seed handler, Nigde, Nigde. Sept. 22.

## 176849 to 177118—Continued

## 176857 to 176859—Continued

176858. No. 9354. Konya, Konya. Sept. 23.

176859. No. 9570. Alpagut, Sakarya, Eskisehir. Sept. 28.

## 176860 to 176864. ALLIUM SATIVUM L.

Garlic.

(Bulbs.)

176860. No. 9175. Seed dealer, Kayseri, Kayseri. Sept. 21.

176861. No. 9225. *Sarimsak*. Urgup, Kayseri. Sept. 22.

176862. No. 9303. Market, Konya, Konya. Sept. 23.

176863. No. 9465. Ayfon, Ayfon. Sept. 24.

176864. No. 4445. *Sarimsak*. Ankara, Ankara. Nov. 10.

## 176865. PRUNUS AMYGDALUS Batsch. Rosaceae.

Almond.

No. 4446. Store, Ankara, Ankara. Nov. 10.

## 176866. PRUNUS PERSICA (L.) Batsch.

Peach.

No. 4443. Ankara, Ankara. Nov. 10. Originally from Kure, Kastamonu. Growing wild.

## 176867. PRUNUS sp.

No. 6119. Niksar, Tokat. Oct. 27.

## 176868. ANETHUM GRAVEOLENS L. Apiaceae.

Dill.

No. 9484. Seedsman, Kutahya, Kutahya. Sept. 25.

## 176869 and 176870. APIUM GRAVEOLENS L. Apiaceae.

Celery.

176869. No. 6154. Can, Canakkale. Oct. 27.

176870. No. 9305. Seed dealer, Konya, Konya. Sept. 23.

## 176871. BETA LOMATAGONA Fisch. &amp; Mey. Chenopodiaceae.

*Afif Gediz*. Eskisehir, Eskisehir.

## 176872 to 176875. BETA VULGARIS L.

Beet.

176872. No. 6147. *Bahce*. Can, Canakkale. Oct. 27.176873. No. 9295. *Kocabas*. Seed dealer, Konya, Konya. Sept. 23.

176874. No. 9317. Seed dealer, Konya, Konya. Sept. 23. Sugar type.

176875. No. 9335. Seed dealer, Konya, Konya. Sept. 23.

## 176876. BRASSICA NAPUS L. Brassicaceae.

Rape.

No. 5364. Silivri, Istanbul, Istanbul. Sept. 20.

## 176877 and 176878. BRASSICA OLERACEA var. CAPITATA L.

Cabbage.

176877. No. 9212. Urgup, Kayseri. Sept. 22. Local type.

176878. No. 9304. Seed dealer, Konya, Konya. Sept. 23.

## 176879 and 176880. BRASSICA RAPA L.

Turnip.

176879. No. 9216. Urgup, Kayseri. Sept. 22.

176880. No. 9288. Seed dealer, Konya, Konya. Sept. 23.

## 176881. BRASSICA sp.

No. 5580. Kalecik, Ankara. Sept. 9.

## 176882. RAPHANUS SATIVUS L. Brassicaceae.

Radish.

No. 5589. Kalecik, Ankara. Sept. 9.

## 176883. BRASSICA sp. Brassicaceae.

No. 5628. Canli, Carsamba, Samsun. Oct. 11.

## 176884. BRASSICA sp.

No. 9461. Ayfon, Ayfon. Sept. 24.

## 176849 to 177118—Continued

176885. *BRASSICA* sp.

No. 5391. Bakirca, Corlu, Tekirdag. Sept. 27.

176886 and 176887. *CANNABIS SATIVA* L. Moraceae.

Hemp.

176886. No. 9284. Seed dealer, Konya, Konya. Sept. 23.

176887. No. 9350. Seed dealer, Konya, Konya. Sept. 23.

176888 to 176892. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

176888. No. 5612. Yaslimizar, Suruc, Urfa. Oct. 9.

176889. No. 5936. Altinova, Ayvalik, Balikesir. Oct. 22.

176890. No. 6145. Can, Canakkale. Oct. 27.

176891. No. 9223. *Dolmalik*. Urgup, Kayseri. Sept. 22. Local type.

176892. No. 9356. Seed dealer, Konya, Konya. Sept. 23. Fruit long and pungent.

176893 to 176904. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

176893. No. 5343. Yozgat, Yozgat. Sept. 15.

176894. No. 5359. Silivri, Istanbul. Sept. 20.

176895. No. 5601. Yaslimizar, Suruc, Urfa. Oct. 9.

176896. No. 5648. Kavak, Samsun. Oct. 11.

176897. No. 5659. Ladik, Samsun.

176898. No. 5688. Emgiz, Bafra, Samsun. Oct. 11.

176899. No. 5819. Sarkoy, Tekirdag. Oct. 21. Local type.

176900. No. 5897. Yalova, Istanbul. Oct. 22.

176901. No. 5990. Bakri, Urfa. Oct. 23.

176902. No. 9281. Seed dealer, Konya, Konya. Sept. 23.

176903. No. 9294. Seed dealer, Konya, Konya. Sept. 23.

176904. No. 9361. Karahoyuk, Kayseri. Sept. 21.

176905 to 176923. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

176905. No. 2504. Village of Meric, Edirne. June 21.

176906. No. 5599. Yaslimizar, Suruc, Urfa. Oct. 9.

176907. No. 5671. Carsamba, Samsun. Oct. 11.

176908. No. 6138. *Kara Dumanli*. Uzunkopru, Edirne. Oct. 27. Dark colored.

176909. No. 6137. Uzunkopru, Edirne. Oct. 27. Fruit white.

176910. No. 6150. Can, Canakkale. Oct. 27.

176911. No. 9196. Urgup, Kayseri. Sept. 22. Local type.

176912. No. 9279. Karapinar, Konya. Sept. 23.

176913. No. 9315. *Kirkagac*. Seed dealer, Konya, Konya.

176914. No. 9318. Konya, Konya. Local type.

176915. No. 9324. *Konya Buz*. Konya.176916. No. 9340. *Kirkagac*. Konya. Fruit white.

176917 to 176922. From Akhisar, Manisa. No collector's number or date given.

176917. *Kadin Budu*.

176920. Winter type.

176918. (No data.)

176921. *Kirkagac*.

176919. (No data.)

176922. (No data.)

176923. Winter type.

## 176849 to 177118—Continued

176924. *CUCUMIS SATIVUS* L. Cucurbitaceae. Muskmelon.  
No. 5611. Yaslimizar, Suruc, Urfa. Oct. 9.
- 176925 to 176948. *CUCUMIS MELO* L. Cucumber.  
176925. No. 5619. Yaslimizar, Suruc, Urfa. Oct. 9.  
176926. No. 5664. Carsamba, Samsun. Oct. 11.  
176927. No. 6110. *Kirkagac*. Sahinli, Niksar, Tokat. Oct. 27.  
176928 to 176937. From Uzunkopru, Edirne. Oct. 27.  
176928. No. 6124. *Altunbas*. Golden-yellow.  
176929. No. 6134. *Citili Yumurta*.  
176930. No. 6135. *Sulubelu*. Fruit white.  
176931. No. 6131. *Top Ilik Piyaraya*.  
176932. No. 6138. *Yenidunya*.  
176933. No. 6139. *Manisa*.  
176934. No. 6120. *Kara Dumanli*.  
176935. No. 6142. Sweet type.  
176936. No. 6143. *Sari Burusuk*. Yellow winter type.  
176937. No. 6141. *Kislankie Yenmez*.  
176938. No. 6148. Can, Canakkale. Oct. 27.  
176939. No. 5099. *Altinova*. Ayvalik, Balikesir. Oct. 22.  
176940. No. 9267. Seed dealer, Nigde, Nigde. Sept. 22.  
176941. No. 9268. *Kul*. Seed dealer, Nigde, Nigde. Sept. 22.  
176942. No. 9325. Seed dealer, Konya, Konya. Sept. 23.  
176943. No. 9327. *Kirkagac*. Konya, Konya. Originally from Manisa, Manisa.  
176944. (No data.)  
176945 to 176948. From Manisa Province.  
176945. Edremit. 176947. *Hasanbey*. Akhisar.  
176946. *Suleymanli*. Akhisar. 176948. *Altunbas*. Akhisar.
- 176949 to 176958. *CUCUMIS SATIVUS* L. Cucumber.  
176949. No. 5617. Yaslimizar, Suruc, Urfa. Oct. 9.  
176950. No. 5672. Bafra, Samsun. Oct. 11. Local type.  
176951. No. 6151. Can, Canakkale. Oct. 27.  
176952. No. 5900. Yalova, Istanbul. Oct. 22.  
176953. No. 9199. Urgup, Kayseri. Sept. 22. Local type.  
176954. No. 9221. *Kol*. Urgup, Kayseri. Sept. 22.  
176955. No. 9314. Seed dealer, Konya, Konya. Sept. 23.  
176956. No. 9326. Seed dealer, Konya, Konya. Sept. 23.  
176957. Edirne, Edirne.  
176958. Manisa, Manisa.
- 176959 to 176965. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.  
176959. No. 5596. *Dolma*. Yaslimizar, Suruc, Urfa. Oct. 9.  
176960. No. 5603. *Kus*. Yaslimizar, Suruc, Urfa. Oct. 9.  
176961. No. 6152. Can, Canakkale. Oct. 27.  
176962. No. 9329. *Gomleksiz*. Seed dealer, Konya, Konya. Sept. 23.  
Seeds without hull and oily.

## 176849 to 177118—Continued

## 176959 to 176965—Continued

176963. No. 9343. *Cerkez*. Seed dealer, Konya, Konya. Sept. 23.

176964. *Sakiz*. Edirne, Edirne.

176965. *Bal*. Kirklareli, Kirklareli.

176966 and 176967. *CUMINUM CYMINUM* L. Apiaceae. Cumin.

176966. No. 9194. Urgup, Kayseri. Sept. 22.

176967. No. 9333. Seed dealer, Konya, Konya. Sept. 23.

176968 to 176970. *DAUCUS CAROTA* L. Apiaceae. Carrot.

176968. No. 6146. Can, Canakkale. Oct. 27.

176969. No. 9290. Seed dealer, Konya, Konya. Sept. 23.

176970. No. 9359. Konya, Konya. Root black.

176971 to 176975. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.

176971. No. 5358. Silivri, Istanbul. Sept. 20.

176972. No. 5418. Corlu, Tekirdag. Sept. 27.

176973. No. 5884. Tekirdag. Oct. 22.

176974. No. 9285. Seed dealer, Konya, Konya. Sept. 23.

176975. No. 9320. *Katmer*. Konya, Konya.

176976. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. Common morning-glory.

No. 9332. Seed dealer, Konya, Konya. Sept. 23.

176977. *JUGLANS REGIA* L. Juglandaceae. Persian walnut.

No. 6117. *Ceviz*. Niksar, Tokat. Oct. 27.

176978 to 176981. *LACTUCA SATIVA* L. Asteraceae. Lettuce.

176978. No. 5665. Carsamba, Samsun. Oct. 11.

176979. No. 9248. *Gobekli*. Seed handler, Nigde, Nigde. Sept. 22.

176980. No. 9289. *Gobekli*. Seed dealer, Konya, Konya. Sept. 23.

176981. No. 9323. *Kivircik*. Konya, Konya.

176982 to 176985. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.

176982. No. 5606. Yasilimizar, Suruc, Urfa. Oct. 9.

176983. No. 8813. *Asma*. Kalan, Tunceli. Sept. 16.

176984. No. 9239. Seed handler, Nigde, Nigde. Sept. 22.

176985. No. 9349. *Yuvarlak*. Konya, Konya. Sept. 23.

176986 to 176996. *LENS CULINARIS* Medic. Fabaceae. Lentil.

176986. No. 5555. *Sultani*. Gommece, Kastamonu.

176987. No. 9346. Seed dealer, Konya, Konya. Sept. 23. Seed red.

176988. No. 5360. Silivri, Istanbul. Sept. 20.

176989. No. 5551. Orhaneli, Bursa. Oct. 8.

176990. No. 5614. Yasilimizar, Suruc, Urfa. Oct. 9.

176991. No. 5925. Muratli, Ayvacik, Canakkale. Oct. 18.

176992. No. 5726. Saidiye, Canakkale.

176993. No. 5847. Kizilveren, Kagizman, Kars. Oct. 21. Dark-colored type.

176994. No. 5860. Arapli, Sarkoy, Tekirdag. Oct. 21.

## 176849 to 177118—Continued

## 176986 to 176996—Continued

176995. No. 5893. Yalova, Istanbul. Oct. 22.
176996. No. 5921. Altinova, Ayvalik, Balikesir. Oct. 22.
- 176997 to 176999. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**
176997. No. 5714. *Yabani*. Bayramic, Canakkale. Oct. 11.
176998. No. 9310. Seed dealer, Konya, Konya. Sept. 23.
176999. No. 9431. Dealer, Ayfon, Ayfon. Sept. 24.
- 177000 to 177005. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**
177000. No. 5363. Silivri, Istanbul. Sept. 20.
177001. No. 5397. Corlu, Tekirdag. Sept. 27.
177002. No. 5566. Hara, Karacabey, Bursa. Oct. 8.
177003. No. 5626. *Lif*. Goltepe, Bafra, Samsun. Oct. 11.
177004. No. 5635. Yukari Gerfi, Terme, Samsun.
177005. No. 9330. Seed dealer, Konya, Konya. Sept. 23.
- 177006 to 177010. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
177006. No. 5570. Kalecik, Ankara. Oct. 9.
177007. No. 5618. Yasilimizar, Suruc, Urfa. Oct. 9.
177008. No. 5889. Baltaci Ciftligi, Yalova, Istanbul. Oct. 22.
177009. No. 6155. Can, Canakkale. Oct. 27.
177010. No. 9337. Seed dealer, Konya, Konya. Sept. 23.
- 177011 to 177013. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**
177011. No. 9202. Urgup, Kayseri. Sept. 22.
177012. No. 9217. Bogazliyan, Yozgat.
177013. No. 9292. Grain market, Konya, Konya. Sept. 23. Originally from Kireli, Konya.
177014. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**
- No. 5904. Yalova, Istanbul. Oct. 22.
- 177015 to 177017. *PANICUM MILIACEUM* L. Poaceae. **Proso.**
177015. No. 5432. Corlu, Tekirdag. Sept. 27.
177016. No. 5546. Orhaneli, Bursa. Oct. 8.
177017. No. 5881. Tekirdag, Tekirdag. Oct. 22.
- 177018 to 177022. *PAPAYER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**
177018. No. 5471. Manyas, Balikesir. Oct. 5.
177019. No. 5633. Soygutlu, Ladik, Samsun. Oct. 11.
177020. No. 9312. Seed dealer, Konya, Konya. Sept. 23.
177021. No. 9411. Ayfon, Ayfon. Sept. 24. Seeds white.
177022. No. 9555. Eskisehir, Eskisehir. Sept. 27. Originally from Tokat. Seeds black.
- 177023 to 177025. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**
177023. No. 5443. Gokmen, Bandirma, Balikesir. Sept. 30.
177024. No. 5588. Kalecik, Ankara. Oct. 9.
177025. No. 9287. Seed dealer, Konya, Konya. Sept. 23.
- 177026 and 177027. *PHALARIS CANARIENSIS* L. Poaceae. **Canary grass.**
177026. No. 5421. *Kasyemi*. Corlu, Tekirdag. Sept. 27.
177027. No. 5879. Tekirdag. Oct. 22.



## 176849 to 177118—Continued

- 177028 to 177052. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
177028. No. 5354. Silivri, Istanbul. Sept. 20.
177029. No. 5537. *Cali*. Gol, Kastamonu. Oct. 7.
177030. No. 5568. *Aysekadin*. Kalecik, Ankara. Oct. 9.
177031. No. 5640. *Cali*. Cay Mahallesi, Terme, Samsun. Oct. 11.
177032. No. 5643. *Tombul*. Uzungazi, Terme, Samsun.
177033. No. 5646. *Selmik*. Uzungazi, Terme, Samsun.
177034. No. 5650. *Gul*. Cariklibasi, Kavak, Samsun. Oct. 11.
177035. No. 5673. *Kanarye*. Bafra, Samsun. Oct. 11.
177036. No. 5724. Ayvacik, Canakkale. Oct. 18.
177037. No. 9271. *Dilmason*. Market, Ereyli, Konya. Sept. 23.
177038. No. 9272. Market, Ereyli, Konya. Sept. 23.
- 177039 to 177051. From Konya, Konya. Sept. 23.
177039. No. 9293. *Ipliksiz Aysekadin*.
177040. No. 9307. *Caliya Cikan*.
177041. No. 9308. *Barbunya Caliya Cikan*.
177042. No. 9311. *Aysekadin*.
177043. No. 9316. *Aysekadin Caliya Cikan*.
177044. No. 9328. *Ipliksiz Aysekadin*.
177045. No. 9336. (No data.)
177046. No. 9341. *Barbunya Yilan*.
177047. No. 9342. *Kukgonluk*.
177048. No. 9344. White-flowering type.
177049. No. 9355. *Aysekadin Yesil*.
177050. No. 9357. *Hamnteni*.
177051. No. 9358. *Hamnteni Yesil*.
177052. No. 9503. *Oturak*. Vegetable market, Demerci Oren, Kutahya. Sept. 25.
- 177053 to 177056. *PISUM SATIVUM* L. Fabaceae. Pea.
177053. No. 5366. Silivri, Istanbul. Sept. 20.
177054. No. 5840. *Kulur*. Camuslu, Kagizman, Kars. Oct. 8.
177055. No. 5899. Yalova, Istanbul. Oct. 22.
177056. No. 9319. Seed dealer, Konya, Konya. Sept. 23.
- 177057 and 177058. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.
177057. No. 5575. Kalecik, Ankara. Oct. 9.
177058. No. 9473. Seedsman, Kutahya, Kutahya. Sept. 25.
177059. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.
- No. 5853. Sahindere Mahallesi, Kagizman, Kars. July 20.
177060. *PRUNUS MAHALEB* L. Mahaleb cherry.
- No. 6112. Niksar, Tokat. Oct. 27.
177061. *PRUNUS* sp.
- No. 6118. Niksar, Tokat. Ornamental cherry.
- 177062 to 177065. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
177062. No. 5935. Altinova, Ayvalik, Balikesir. Oct. 22.
177063. No. 9206. Urgup, Kayseri. Sept. 22. Large, long, white type.

## 176849 to 177118—Continued

## 177062 to 177065—Continued

177064. No. 9300. Seed dealer, Konya, Konya. Sept. 23. White type.
177065. No. 9322. Konya, Konya. Seeds red.
177066. RUMEX PATIENTIA L. Polygonaceae. **Patience dock.**  
No. 5712. *Labada*. Bayramic, Canakkale. Sept. 20.
177067. RUMEX sp.  
No. 6170. *Labada*. Beykoz-Fidanlik, Istanbul. Oct. 27.
177068. RUMEX sp.  
No. 6185. *Labada*. Beykoz-Fidanlik, Istanbul. Oct. 27.
177069. SECALE CEREALE L. Poaceae. **Rye.**  
No. 4482. Kizilca, Bor, Konya.
- 177070 to 177072. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**
177070. No. 5545. Kazikli, Bursa. Oct. 8.
177071. No. 5605. Yaslimizar, Suruc, Urfa. Oct. 9.
177072. No. 9550. Sakarya, Eskisehir. Sept. 27.
- 177073 to 177076. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
177073. No. 6156. Can, Canakkale. Oct. 27.
177074. No. 9224. *Incesu*. Urgup, Kayseri. Sept. 22.
177075. No. 9338. *Kemer*. Seed dealer, Konya, Konya. Sept. 23.
177076. No. 9352. *Topak*. Konya, Konya.
- 177077 to 177080. SORGHUM VULGARE Pers. Poaceae.
177077. No. 5541. *Kocadari*. Cermik, Diyarbakir. Oct. 8.
177078. No. 5615. *Akdari*. Yaslimizar, Suruc, Urfa. Oct. 9.
177079. No. 6144. Can, Canakkale. Oct. 27.
177080. No. 9321. Seed dealer, Konya, Konya. Sept. 23. Originally from Istanbul, Istanbul.
- 177081 and 177082. SPINACIA OLERACEA L. Chenopodiaceae. **Spinach.**
177081. No. 5815. Sarkoy, Tekirdag. Oct. 21.
177082. No. 8210. *Alman*. Urgup, Kayseri. Sept. 22. Local type.
- 177083 and 177084. TRIGONELLA FOENUM-GRÆCUM L. Fabaceae. **Fenugreek.**
177083. No. 5587. Kalecik, Ankara. Oct. 9.
177084. No. 5666. Carsamba, Samsun. Oct. 11.
- 177085 to 177087. VICIA ERVILIA (L.) Willd. Fabaceae. **Vetch.**
177085. No. 5731-A. Nusratli, Ayvacik, Canakkale. Oct. 18.
177086. No. 5581. Yalini, Kalecik, Ankara. Oct. 9.
177087. No. 5595. Yaslimizar, Suruc, Urfa. Oct. 9.
- 177088 to 177094. VICIA FABA L. **Broadbean.**
177088. No. 5361. Silivri, Istanbul. Sept. 20.
177089. No. 5435. Corlu, Tekirdag. Sept. 27.
177090. No. 5548. Orhaneli, Bursa. Oct. 8. Dark-colored type.
177091. No. 5553. Orhaneli, Bursa. Oct. 8.
177092. No. 5727. Tuzla, Ayvacik, Canakkale. Oct. 18.
177093. No. 5933. *Pul*. Ayvalik, Balikesir. Oct. 22.
177094. No. 9345. Seed dealer, Konya, Konya. Sept. 23.

**1776849 to 177118—Continued**

- 177095 to 177098. Vicia sativa L. Common vetch.**  
 177095. No. 5506. Devrekani, Kastamonu. Oct. 6.  
 177096. No. 5526. Suzey, Arac, Kastamonu.  
 177097. No. 5836. Baglar Altı Mahallesi, Kagizman, Kars. Oct. 21.  
 177098. No. 9282. Grain market, Konya, Konya. Sept. 23.
- 177099 to 177101. Vigna sinensis (Törner) Savi. Fabaceae. Cowpea.**  
 177099. No. 5604. Yaslimizar, Suruc, Urfa. Oct. 9.  
 177100. No. 5838. *Kakavu*. Baglar Altı Mahallesi, Kagizman, Kars. Sept. 23.  
 177101. No. 9306. Seed dealer, Konya, Konya. Sept. 23.
- 177102. Vitis sp. Vitaceae. Grape.**  
 No. 6120. Bugama, Niksar, Tokat. Oct. 27.
- 177103 to 177118. Zea mays L. Poaceae. Corn.**  
 177103. No. 5538. Kastamonu, Kastamonu. Oct. 7.  
 177104. No. 5357. Silivri, Istanbul. Sept. 20.  
 177105. No. 5389. Himmetoglu, Zonguldak. Sept. 25.  
 177106. No. 5429. Turkguclu, Corlu, Tekirdag. Sept. 27.  
 177107. No. 5577. Kalecik, Ankara. Oct. 9.  
 177108. No. 5607. *Darisi*. Yaslimizar, Suruc, Urfa. Oct. 9.  
 177109. No. 5645. Yavasbey, Terme, Samsun. Oct. 11. Black sea type.  
 177110. No. 5653. Kavak, Samsun.  
 177111. No. 5657. Ladik, Samsun. Oct. 11. Seed yellow.  
 177112. No. 5820. Sarkoy, Tekirdag. Oct. 21.  
 177113. No. 5834. Sahindere Mahallesi, Kagizman, Kars. Oct. 21.  
 177114. No. 5919. Araplar, Ayvalik, Balikesir. Oct. 22.  
 177115. No. 9276. Grain market, Ereyli, Konya. Sept. 23.  
 177116. No. 9353. *Ardi*. Seed dealer, Konya, Konya.  
 177117. No. 9423. Ayfon, Ayfon. Sept. 24.  
 177118. No. 9479. Grain market, Kutahya, Kutahya. Sept. 25.
- 177119 to 177127. Solanum tuberosum L. Solanaceae. Potato.**  
 From Scotland. Tubers presented by Dr. Black, Scottish Society for Research in Plant Breeding, Corstorphine. Received Mar. 18, 1949.
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|------------------------------------|-----------------|
| 177119. <i>Craigs Snow White</i> . | 177124. 1531.   |
| 177120. 1439-a.                    | 177125. 1542.   |
| 177121. 1253-a.                    | 177126. 834-c.  |
| 177122. <i>Craigs Royal</i> .      | 177127. 1611-a. |
| 177123. 1611-a.                    |                 |
- 177128 to 177154. Vitis vinifera L. Vitaceae. European grape.**  
 From France. Cuttings presented by Joanny Burdin & Sons, Paris. Received Mar. 21, 1949.
- |                    |                   |
|--------------------|-------------------|
| 177128. No. 5580.  | 177132. No. 5535. |
| 177129. No. 5884.  | 177133. No. 5620. |
| 177130. No. 6055.  | 177134. No. 7360. |
| 177131. No. 13846. | 177135. No. 7353. |

**177128 to 177154—Continued**

177136. No. 7375.	177146. No. 74597.
177137. No. 4061.	177147. No. 4570.
177138. No. 5957.	177148. No. 825.
177139. No. 7380.	177149. No. 20.
177140. No. 4717.	177150. No. 9280.
177141. No. 4855.	177151. No. 43047.
177142. No. 6618.	177152. No. 4668.
177143. No. 14.	177153. No. 7056.
177144. No. 4678.	177154. No. 50.
177145. No. 74189.	

**177155 to 177164.**

From Turkey. Seeds presented by Charles R. Enlow, American Embassy, Ankara. Received Mar. 22, 1949.

177155. *TARAXACUM KOKSAGHYZ* Rodin. Asteraceae.

177156. *SORGHUM* sp. Poaceae.

No. 1.

177157. *SORGHUM* sp.

No. 2.

177158 to 177164. *SORGHUM VULGARE* Pers.

177158. No. 1.

177162. No. 5.

177159. No. 2.

177163. No. 6.

177160. No. 3.

177164. No. 7.

177161. No. 4.

**177165 to 177187. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Kenya. Seeds presented by the Plant Breeding Station, Njoro. Received Mar. 22, 1949.

177165. B. 256 G.	177177. 318 O. 3. B. 2.
177166. <i>Equator</i> I.	177178. 321 Ao. 1. C. 3.
177167. 184 P 2 A. I. F.	177179. 321 BT. 1. B. 1.
177168. 192 Q. 2 A. (L).	177180. 338 AA. 1. A. 2.
177169. 261 R. F. C. 1. B.	177181. 340 Y. 4. A. 1.
177170. 261 R. F. C. 2.	177182. 341 F. 2. D. 1.
177171. 261 S. 10. C. 2. D.	177183. 341 O. 2. B. 1.
177172. 291 J. 1. I. 1.	177184. 344 AD. 1. B. 1.
177173. 294 B. 2. A. 3.	177185. 350 AD. 9. C. 2.
177174. 294 H. 2. A. 1.	177186. 351 AS. 1. B. 2.
177175. 294 17 F. C. 6. A.	177187. 360 H.
177176. 318 AJ 4. A. 1.	

**177188. PRUNUS. Rosaceae.**

From England. Seeds presented by the Winkfield Manor Nurseries, Ascot, Berkshire. Received Mar. 22, 1949.

*Marjorie's.*

**177189 to 177191. ALBIZZIA JULIBRISSIN Durazz. Mimosaceae.****Silktree.**

From North Carolina. Cuttings presented by an unknown donor, Tyron. Received Mar. 22, 1949.

177189. No. 329.

177190. No. 333.

177191. *Rosea*.

**177192 to 177218. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by Landot Pierre Consieu Ain, Montpellier. Received Mar. 23, 1949.

177192. No. 4511.

177206. No. 301.

177193. No. 2843.

177207. No. 1680.

177194. No. 2241.

177208. No. 244.

177195. No. 4256.

177209. No. 2913.

177196. No. 3384.

177210. No. 2416.

177197. No. 4411.

177211. No. 4511.

177198. No. 2860.

177212. No. 2380.

177199. No. 4411.

177213. No. 234.

177200. No. 2832.

177214. No. 3108.

177201. No. 3381.

177215. No. 2291.

177202. No. 2282.

177216. No. 2283.

177203. No. 1678.

177217. No. 3518.

177204. No. 790.

177218. No. 204.

177205. No. 3474.

**177219 to 177225. ORYZA SATIVA L. Poaceae.****Rice.**

From Turkey and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 23, 1949.

Collected in Turkey unless otherwise indicated.

177219. No. 5000. Ankara, Ankara. Aug. 21, 1948.

177220. No. 5002. Ankara.

177221. No. 6257. Sapatan, Semdinli, Hakari.

177222. No. 6330. Oramar, Yuksekova, Hakari.

177223. No. 6341. Cukurca, Hakari.

177224. No. 6360. Kaval, Lirinbucag, Hakari.

177225. No. 9853. Experiment Station, Baghdad, Iraq. Oct. 30, 1948. Red type.

**177226 and 177227.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in March 1949.

177226. COCCOTHRINAX ARGENTEA (Roem. & Schult.) Sarg. Phoenicaceae.  
**Palm.**

Originally grown from seeds presented by Charles T. Simpson, Little River, Fla.

177227. COCHLOSPERMUM sp. Cochlospermaceae.

Presented by the Fairchild Tropical Garden, Coconut Grove, Fla. Double-flowered form.

**177228 and 177229. SACCHARUM. Poaceae.****Sugarcane.**

From the Union of South Africa. Cuttings presented by South Africa Sugar Association, Mount Edgcombe, Natal. Received Mar. 25, 1949.

177228. N. Co 79.

177229. N. M. 168.

**177230. PERSEA AMERICANA Mill. Lauraceae.****Avocado.**

From Florida. Plant growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in March 1949.

Tree 6, Row 8. Selection made from seedlings of the F. H. B. 75302.

**177231 to 177233.**

From Turkey and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 29, 1949.

Collected in 1948.

177231. VERBASCUM sp. Scrophulariaceae.

No. 10318. Askale, Turkey.

177232. ORYZA SATIVA L. Poaceae.

**Rice.**

No. 9854. *Nokaza*. Baghad Experiment Station, Baghdad, Iraq. Oct. 30.

177233. ORYZA SATIVA L.

**Rice.**

10340. Polatli, Ankara, Turkey.

**177234 to 177652.**

From Turkey, Syria, and Iraq. Collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 23, 1949.

Collected in 1948. Seeds from Turkey, unless otherwise indicated.

177234 to 177240. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae **Okra.**

177234. No. 4421. Ankara, Ankara.

177235. No. 4925. *Sultaniye*. Merzifon, Amasya. Aug. 2.

177236. No. 4961. Corum, Corum. Aug. 2.

177237. No. 6261. Hinanis, Hakari.

177238. No. 6305. Umurbey, Lapseki, Canakkale.

177239. No. 6325. Cukurca, Hakari.

177240. No. 9771. Damascus, Syria. Oct. 18.

177241. AEGILOPS TRIARISTATA Willd. Poaceae.

No. 5328. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13.

177242 to 177247. ALLIUM CEPA L. Liliaceae.

**Onion.**

177242. No. 4441. Ankara, Ankara.

177243. No. 4918. *Kelle*. Merzifon, Amasya. Aug. 2.177244. No. 4952. *Ince*. Kargi, Torkya, Corum. Aug. 2.

177245. No. 4988. Kayseri, Kayseri. Aug. 3.

177246. No. 9760. Damascus, Syria. Oct. 18. Spanish type.

177247. No. 9767. Damascus, Syria.

177248 to 177253. ALLIUM PORRUM L.

**Leek.**

177248. No. 4400. Ankara, Ankara.

177249. No. 4929. Merzifon, Amasya. Aug. 2. Dark-colored type.

## 177234 to 177652—Continued

## 177248 to 177253—Continued

177250. No. 4948. *Sarimsak*. Corum, Corum.  
 177251. No. 5663. Ahheyli, Carsamba, Samsun. Oct. 11.  
 177252. No. 9754. *Barasia*. Damascus, Syria. Oct. 18.  
 177253. No. 9891. Market, Baghdad, Iraq. Oct. 30.

177254. *ALLIUM SATIVUM* L.

Garlic.

- No. 9867. Market, Baghdad, Iraq. (Bulbs.)

177255 to 177260. *ANETHUM GRAVEOLENS* L. Apiaceae.

Dill.

177255. No. 4418. Ankara, Ankara.  
 177256. No. 4440. Ankara.  
 177257. No. 4975. Corum, Corum. Aug. 2.  
 177258. No. 5695. Tuzla, Izmir. Oct. 11.  
 177259. No. 6240. Seyhan, Semdinli, Hakari.  
 177260. No. 6304. Umurbey, Lapseki, Canakkale.

177261. *AMARANTHUS GANGETICUS* L. Amaranthaceae.

Ganges amaranth.

- No. 5706. Tuzla, Izmir. Oct. 11.

177262. *ANTHEMIS* sp. Asteraceae.

- No. 6167. *Papatya*. Beykoz-Fidanlik, Istanbul. Oct. 27.

177263. *ANTHEMIS* sp.

- No. 6162. Beykoz-Fidanlik, Istanbul.

177264. *ANTIRRHINUM* sp. Scrophulariaceae.

- No. 5709. Tuzla, Izmir. Oct. 11.

177265 and 177266. *APIUM GRAVEOLENS* L. Apiaceae.

Celery.

177265. No. 6303. *Bas*. Umurbey, Lapseki, Canakkale.  
 177266. No. 9802. Damascus, Syria. Oct. 20.

177267. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae.

Parsley.

- No. 9894. Market, Baghdad, Iraq. Oct. 30.

177268. *BASSIA HYSSOPIFOLIA* (Pall.) Kuntze. Chenopodiaceae.

- No. 5576. Kalecik, Ankara. Oct. 9.

177269 to 177275. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

177269. No. 4407. *Kocabas*. Ankara, Ankara.  
 177270. No. 4415. Ankara. Sugar type.  
 177271. No. 4417. *Pazi*. Ankara.  
 177272. No. 6323. Geyman, Hakari.  
 177273. No. 6361. Piyanis, Lirinbucag, Hakari.  
 177274. No. 9763. Damascus, Syria. Oct. 20.  
 177275. No. 9808. *Beledi*. Damascus.

177276. *BETA VULGARIS* var. *CICLA* L.

Swiss chard.

- No. 9820. *Beledi*. Damascus, Syria. Oct. 20.

177277. *BRASSICA KABER* (DC.) Wheeler. Brassicaceae.

Charlock.

- No. 5713. Bayramic, Canakkale. Oct. 11.

177278. *BRASSICA OLERACEA* var. *CAPITATA* L.

Cabbage.

- No. 4410. Ankara, Ankara.





**177234 to 177652—Continued**177309. *CHRYSANTHEMUM* sp. Asteraceae.

No. 5698. Tuzla, Izmir.

177310 to 177317. *CICER ARIETINUM* L. Fabaceae.**Chickpea.**

177310. No. 4438. Cubuk, Ankara.

177311. No. 4928. Merzifon, Amasya. Aug. 2.

177312. No. 4943. Corum, Corum. Aug. 2.

177313. No. 4979. Yozgat, Yozgat. Aug. 3. Spanish type.

177314. No. 6247. Fakiyan, Semdinli, Hakari.

177315. No. 6260. Hinanis, Hakari.

177316. No. 6282. Tal, Hakari.

177317. No. 6289. Yuksekova, Hakari.

177318 to 177331. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

177318. No. 4380. Ankara, Ankara.

177319. No. 4381. Ankara.

177320. No. 4382. Ankara.

177321. No. 4388. Istanbul, Istanbul.

177322. No. 4389. Istanbul.

177323. No. 4903. *Karisik*. Merzifon, Amasya. Aug. 2.

177324. No. 4955. Ormancik, Corum. Aug. 2.

177325. No. 6354. Geyman, Hakari.

177326. No. 6248. *Cegisdegi*. Sapatan, Semdinli, Hakari.

177327. No. 6275. Halilan, Hakari.

177328. No. 6277. Hinanis, Hakari.

177329. No. 6294. Piyanis, Lirinbucag, Hakari.

177330. No. 9762. Damascus, Syria. Oct. 20. Originally from Aleppo, Syria.

177331. No. 9776. *Meleli*. Near Hezani, 30 km. southeast of Damascus, Syria. A variety originally from Palestine, Israel.177332. *CONIUM MACULATUM* L. Apiaceae.**Poison hemlock.**No. 5717. *Baldran*. Bayramic, Canakkale. Oct. 11.177333. *CORIANDRUM SATIVUM* L. Apiaceae.**Coriander.**No. 9751. *Kuzbarah*. Purchased in Damascus, Syria. Oct. 20.177334 to 177358. *CUCUMIS MELO* L. Cucurbitaceae.**Muskmelon.**

177334 to 177347. From Ankara, Ankara.

177334. No. 4373. *Yuva*.  
Village of Yuvakoy.177341. No. 4383. *Yuva*.

177342. No. 4384.

177335. No. 4374. *Yuva*.177343. No. 4385. *Kirkagac*.177336. No. 4375. *Yuva*.177344. No. 4386. *Kirkagac*.177337. No. 5376. *Yuva*.177345. No. 4387. *Kirkagac*.177338. No. 4377. *Yuva*.

177346. No. 4390.

177339. No. 4378. *Yuva*.177347. No. 4391. Sept. 1. Fruit  
sweet; flesh green, excellent quality.

177340. No. 4379.

177348. No. 4904. Merzifon, Amasya. Aug. 2.

177349. No. 6274. Halilan, Hakari.

## 177234 to 177652—Continued

## 177334 to 177358—Continued

177350. No. 6284. Daggol, Hakari.  
 177351. No. 6299. *Ayri Circims*. Oramar, Yuksekova, Hakari.  
 177352. No. 6300. *Ayri Circims*. Oramar, Yuksekova, Hakari.  
 177353. No. 6349. Geyman, Hakari.  
 177354. No. 6359. Anitos, Lirinbucag, Hakari.  
 177355. No. 6125. *Muhtu*. Uzunkopru, Edirne. Oct. 27.  
 177356. No. 9758. Damascus, Syria. Oct. 18.  
 177357. No. 9803. *Beledi*. Damascus.  
 177358. No. 9869. Market, Baghdad, Iraq. Oct. 20.

## 177359 to 177364. CUCUMIS SATIVUS L.

Cucumber.

177359. No. 4425. Ankara, Ankara.  
 177360. No. 4919. Merzifon, Amasya. Aug. 2. Long type.  
 177361. No. 4951. *Hiyar*. Corum, Corum. Aug. 2.  
 177362. No. 6272. *Semam*. Halilan, Hakari.  
 177363. No. 9757. Damascus, Syria. Oct. 18.  
 177364. No. 9884. Market, Baghdad, Iraq. Oct. 20. Short type.

## 177365 to 177368. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.

177365. No. 4402. *Helvaci*. Ankara, Ankara.  
 177366. No. 4954. Corum, Corum. Aug. 2.  
 177367. No. 6266. Hinanis, Hakari.  
 177368. No. 6285. Daggol, Hakari.

## 177369 to 177377. CUCURBITA PEPO L.

Pumpkin.

177369. No. 4394. Ankara, Ankara.  
 177370. No. 4901. *Dolmalik*. Merzifon, Amasya. Aug. 2.  
 177371. No. 4902. Merzifon, Amasya. Aug. 2. Black type.  
 177372. No. 4946. *Dolmalik*. Corum, Corum. Aug. 2.  
 177373. No. 4950. Corum, Corum. Aug. 2. Black type.  
 177374. No. 6252. *Cegirdigi*. Sapatana, Semdinli, Hakari.  
 177375. No. 6296. *Bal*. Oramar, Yuksekova, Hakari.  
 177376. No. 6347. *Bal*. Geyman, Hakari.  
 177377. No. 9738. *Kusa*. Damascus, Syria. Oct. 18.

## 177378. CYNODON DACTYLON (L.) Pers. Poaceae.

Bermuda grass.

- No. 5704. Tuzla, Izmir. Oct. 11.

## 177379 to 177384. DAUCUS CAROTA L. Apiaceae.

Carrot.

177379. No. 4420. Ankara, Ankara.  
 177380. No. 4915. Hacikoy, Merzifon, Amasya. Aug. 2. Black type.  
 177381. No. 5638. Bafra, Samsun. Oct. 11.  
 177382. No. 5707. Tuzla, Izmir. Oct. 11.  
 177383. No. 9797. Damascus, Syria. Oct. 18.  
 177384. No. 9801. *Beledi*. Damascus.

## 177385 and 177386. DATURA STRAMONIUM L. Solanaceae.

Jimsonweed.

177385. No. 5634. *Zehirliidir*. Yukari Danurlu, Carsamba, Samsun. Oct. 11.  
 177386. No. 5639. Bafra, Samsun.

## 177234 to 177652—Continued

177387. *DIGITALIS* sp. Scrophulariaceae.

No. 6166. Beykoz-Fidanlik, Istanbul. Oct. 27.

177388. *DIGITALIS* sp.

No. 6171. Beykoz-Fidanlik, Istanbul. Oct. 27.

177389. *ECHINOCHLOA CRUSGALLII* (L.) Beauv. Poaceae. **Barnyard grass.**

No. 5696. Tuzla, Izmir. Oct. 11.

177390. *ERAGROSTIS* sp. Poaceae.

No. 5708. Cayirova Technical School, Kocaeli. Oct. 11.

177391. *ERYNGIUM* sp. Apiaceae.

No. 5691. Tuzla, Izmir.

177392. *GASTRIDIMUM* sp. Poaceae.

No. 5690. Tuzla, Izmir. Oct. 11.

177393. *GLEDITSIA TRIACANTHOS* L. Fabaceae.**Honeylocust.**

No. 5859. Sarkoy, Tekirdag, Oct. 21.

177394 to 177407. *HELIANTHUS ANNUUS* L. Asteraceae.**Sunflower.**

From Ankara, Ankara. Sept. 10.

177394. No. 4401. 177401. No. 5292.

177395. No. 5286. 177402. No. 5293.

177396. No. 5287. 177403. No. 5294.

177397. No. 5288. 177404. No. 5295.

177398. No. 5289. 177405. No. 5296.

177399. No. 5290. 177406. No. 5297.

177400. No. 5291. 177407. No. 5298.

177408 and 177409. *HOLCUS LANATUS* L. Poaceae.**Velvetgrass.**177408. No. 6159. *Neeliyeden*. Beykoz-Fidanlik, Istanbul.

177409. No. 6184. Beykoz-Fidanlik, Istanbul.

177410. *HYPERICUM* sp. Hypericaceae.No. 6178. *Kantaron*. Beykoz-Fidanlik, Istanbul.177411. *HYPERICUM* sp.

No. 6177. Beykoz-Fidanlik, Istanbul.

177412. *JUNIPERUS* sp. Pinaceae.**Juniper.**No. 5749. *Ardic*. Bahcedere, Ayvacik, Canakkale. Oct. 18.177413 and 177414. *LABURNUM ANAGYROIDES* Medic. Fabaceae. **Goldenchain.**177413. No. 6175. *Sari Salkim*. Beykoz-Fidanlik, Istanbul. Oct. 27.

177414. No. 6179. Beykoz-Fidanlik, Istanbul.

177415 to 177426. *LACTUCA SATIVA* L. Asteraceae.**Lettuce.**

177415. No. 4413. Ankara, Ankara. Leaves curly.

177416. No. 4426. Ankara. Leaves curly.

177417. No. 4916. *Gobekli*. Merzifon, Amasya. Aug. 2.

177418. No. 4930. Merzifon, Amasya. Aug. 2. Leaves curly.

177419. No. 4941. Corum, Corum. Leaves curly.

177420. No. 4949. *Top*. Corum, Corum.

177421. No. 6239. Sapatani, Semdinli, Hakari.

177422. No. 6243. Civanikan, Siirt.

**177234 to 177652—Continued****177415 to 177426—Continued**

177423. No. 6307. Umurbey, Lapseki, Canakkale. Leaves curly.  
 177424. No. 6311. Umurbey, Lapseki, Canakkale.  
 177425. No. 9753. *Romani*. Damascus, Syria. Oct. 18.  
 177426. No. 9800. Damascus. Romaine type.

**177427 to 177443. LENS CULINARIS Medic. Fabaceae.****Lentil.**

177427. No. 4430. Ankara, Ankara.  
 177428. No. 4433. Ankara, Ankara. Mixed sample.  
 177429 to 177431. Yusek Agricultural Institution, Ankara.  
 177429. No. 4838. July 28. Originally from Sindav, Ankara.  
 177430. No. 4841. Originally from Kure, Ankara.  
 177431. No. 4843. Originally from Dinizli, Ankara.  
 177432. No. 4914. Merzifon, Amasya. Aug. 2.  
 177433. No. 4938. Circin, Alaca, Corum. Aug. 2.  
 177434. No. 4970. Alaca, Corum.  
 177435. No. 4977. Yozgat, Yozgat. Aug. 3. Local type.  
 177436. No. 6244. Batkel, Siirt.  
 177437. No. 6281. Hinanis, Hakari.  
 177438. No. 6288. Yuksekova, Hakari.  
 177439. No. 6324. Cukurca, Hakari.  
 177440. No. 6362. Kaval, Lirinbucag, Hakari.  
 177441. No. 9783. Damascus, Syria. Oct. 18. Seed white.  
 177442. No. 9790. *Zakiyani*. Damascus, Syria.  
 177443. No. 9791. Damascus, Syria.

**177444 and 177445. LEPIDIUM SATIVUM L. Brassicaceae.****Garden cress.**

177444. No. 4409. Ankara, Ankara.  
 177445. No. 4934. Merzifon, Amasya. Aug. 2.

**177446 to 177454. LINUM USITATISSIMUM L. Linaceae.****Flax.**

177446. No. 4986. Gollu, Cicekdag, Kirsehir. Aug. 3.  
 177447. No. 4989. *Zeyrek*. Karagul, Keskin, Ankara.  
 177448. No. 5136. Ankara, Ankara. Aug. 27.  
 177449. No. 4399. Ankara.  
 177450. No. 5195. Sullu, Kandira, Kocaeli. Sept. 2. Winter type.  
 177451. No. 6237. *Segerek*. Kalask, Semdinli, Hakari.  
 177452. No. 6273. *Zegerek*. Halilan, Hakari.  
 177453. No. 6357. *Zegerek*. Piyanis, Hakari.  
 177454. No. 9837. *Moroccan*. Experiment Station, Baghdad, Iraq. Oct. 30.

**177455 and 177456. LUPINUS ALBUS L. Fabaceae.****White lupine.**

177455. No. 6163. Beykoz-Fidanlik, Istanbul. Oct. 27. Wild type.  
 177456. No. 6164. Beykoz-Fidanlik, Istanbul. Oct. 27.

**177457 to 177460. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

177457. No. 4434. Ankara, Ankara. Pole type.  
 177458. No. 4906. Merzifon, Amasya. Aug. 2.

## 177234 to 177652—Continued

## 177457 to 177460—Continued

177459. No. 4953. Corum, Corum.

177460. No. 6343. Geyman, Hakari.

177461. *MALUS* sp. Malaceae.

No. 4442. Kure, Kastamonu. Wild.

177462 to 177464. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

177462. No. 4947. Corum, Corum. Aug. 2.

177463. No. 6332. Yuksekova, Hakari.

177464. No. 9819. Damascus, Syria. Oct. 18.

177465. *MENTHA LONGIFOLIA* (L.) Huds. Menthaceae.

No. 5702. Tuzla, Izmir. Oct. 11.

177466 to 177468. *NICOTIANA TABACUM* L. Solanaceae.

Tobacco.

177466. No. 6338. *Tutun*. Guzeres, Hakari.

177467. No. 6339. Tuhulenan, Hakari.

177468. No. 6356. Kaval, Hakari.

177469 and 177470. *NIGELLA DAMASCENA* L. Ranunculaceae. Love-in-a-mist.

177469. No. 6186. Beykoz-Fidanlik, Istanbul. Oct. 27. Wild type.

177470. No. 6187. Beykoz-Fidanlik, Istanbul. Oct. 27.

177471 to 177474. *NIGELLA SATIVA* L.

Black cumin.

177471. No. 4411. Ankara, Ankara.

177472. No. 4972. Corum, Corum. Aug. 2.

177473. No. 6242. Civanikan, Siirt.

177474. No. 9770. *Hab-el-barakeh*. Damascus, Syria. Oct. 20.177475. *OCIMUM BASILICUM* L. Menthaceae.

Basil.

No. 6313. *Feslegen*. Umurbey, Lapseki, Canakkale.177476. *ORIGANUM* sp. Menthaceae.No. 5734. *Kekik*. Ayvacik, Canakkale. Oct. 18.177477 to 177479. *PALIURUS SPINA-CHRISTI* Mill. Rhamnaceae. Christ-thorn.

177477. No. 5753. Muratli, Ayvacik, Canakkale. A large thorny shrub.

177478. No. 6158. *Kara Cali*. Beykoz-Fidanlik, Istanbul. Oct. 27.

177479. No. 6174. Beykoz-Fidanlik, Istanbul. Oct. 27.

177480 to 177485. *PANICUM MILIACEUM* L. Poaceae.

Proso.

177480. No. 4393. Ankara, Ankara.

177481. No. 6246. *Kumdari*. Sapatan, Semdinli, Hakari.

177482. No. 6268. Halilan, Hakari. Red type.

177483. No. 6283. *Kumdari*. Daggol, Hakari. Red type.

177484. No. 6321. Piyanis, Hakari.

177485. No. 6364. *Kumdari*. Piyanis, Lirinbucag, Hakari.177486 to 177488. *PAPAVR SOMNIFERUM* L. Papaveraceae.

Opium poppy.

177486. No. 4926. Merzifon, Amasya. Aug. 2. Seeds white.

177487. No. 4927. Merzifon, Amasya. Aug. 2. Seeds black.

177488. No. 4959. Kizilli, Alaca, Corum. Aug. 2.

## 177234 to 177652—Continued

- 177489 to 177492. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.
177489. No. 4412. Ankara, Ankara.
177490. No. 4964. Corum, Corum. Aug. 2.
177491. No. 9089. Seed dealer, Kirsehir, Kirsehir. Sept. 20.
177492. No. 9772. *Bakdounis*. Damascus, Syria. Oct. 18.
- 177493 to 177496. *PHASEOLUS AUREUS* ROXB. Fabaceae. Mung bean.
177493. No. 6249. Sapatan, Semdinli, Hakari.
177494. No. 6337. Cukurca, Hakari.
177495. No. 6354. Piyanis, Hakari.
177496. No. 9868. Market, Baghdad, Iraq. Oct. 30.
- 177497 to 177517. *PHASEOLUS VULGARIS* L. Common bean.
177497. No. 4436. *Selanik*. Sabanozu, Cankiri.
- 177498 to 177501. Ankara, Ankara.
177498. No. 4395. 177500. No. 4428.
177499. No. 4408. *Kukgunluk*. 177501. No. 4431. *Barbunya*.
177502. No. 4432. Sabanozu, Cankiri.
177503. No. 4435. *Barbunya*. Ugaz, Kastamonu.
177504. No. 4912. Merzifon, Amasya. Aug. 2.
177505. No. 4913. Merzifon, Amasya. Aug. 2.
177506. No. 4980. Yozgat, Yozgat. Aug. 3. Local type.
177507. No. 5166. Ankara, Ankara. Aug. 27.
177508. No. 5686. *Sari Oturak*. Mastikale, Bafra, Samsun. Oct. 11. Flowers, yellow.
- 177509 to 177516. From Hakari Province.
177509. No. 6254. Sapatan, Semdinli. 177513. No. 6293. *Cali*. Sahi, Yuksekova.
177510. No. 6259. Hinanis. 177514. No. 6318. Cukurca.
177511. No. 6290. Yuksekova. 177515. No. 6355. *Ipliksiz*. Piyanis.
177512. No. 6291. Oramar, Yuksekova. 177516. No. 6366. *Iplikli*. Piyanis.
177517. No. 9197. *Cali*. Urgup, Kayseri. Sept. 22.
177518. *PICRIS ECHIOIDES* L. Asteraceae.
- No. 5703. Tuzla, Izmir. Oct. 11.
- 177519 and 177520. *PINUS HALEPENSIS* VAR. *BRUTIA* Henry. Pinaceae. Pine.
177519. No. 6191. *Kizilcam*. Adalar, Istanbul. Oct. 27.
177520. No. 6190. Adalar, Istanbul. Oct. 27.
177521. *PISUM SATIVUM* L. Fabaceae. Pea.
- No. 6329. Keokep, Yuksekova, Hakari.
- 177522 to 177525. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.
177522. No. 4429. Beypazari, Ankara.
177523. No. 4933. Merzifon, Amasya. Aug. 2.
177524. No. 6310. Umurbey, Lapseki, Canakkale.
177525. No. 9765. *Bakli*. Damascus, Syria. Oct. 18.
177526. *PRUNUS* sp. Rosaceae.
- No. 4416. Kure, Kastamonu. Wild type.

## 177234 to 177652—Continued

177527. *PYRUS* sp. Malaceae. Pear.  
 No. 4439. Kure, Kastamonu. Wild type.
- 177528 to 177532. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 177528. No. 4422. Ankara, Ankara. Root red.  
 177529. No. 4424. Ankara. Root black.  
 177530. No. 4917. Merzifon, Amasya. Aug. 2. Root black.  
 177531. No. 4968. Corum, Corum. Root black.  
 177532. No. 4973. Corum. Root black.
177533. *RAPHANUS LANDRA* Moretti.  
 No. 5685. Bafra, Samsun. Oct. 11. Wild type.
- 177534 to 177536. *RAPHANUS SATIVUS* L. Radish.  
 177534. No. 6276. Halilan, Hakari.  
 177535. No. 6306. Umurbey, Lapseki, Canakkale. Root red.  
 177536. No. 9773. Damascus, Syria. Oct. 18.
177537. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 No. 4935. Merzifon, Amasya. Aug. 2.
177538. *RUBIA TINCTORUM* L. Rubiaceae. Madder.  
 No. 5578. *Boyacile*. Kalecik, Ankara. Oct. 9.
177539. *SECURIGERA SECURIDACA* (L.) Deg. & Doerfl. Fabaceae.  
 No. 5699. Tuzla, Izmir. Oct. 11.
- 177540 and 177541. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 177540. No. 5196. Omurbey, Geyve, Kocaeli. Sept. 2.  
 177541. No. 6315. Cukurca, Hakari.
- 177542 to 177544. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.  
 177542. No. 6287. *Birina Nes Kumdari*. Daggol, Hakari. Seeds white.  
 177543. No. 6314. *Kumdari*. Cukurca, Hakari.  
 177544. No. 6335. *Kumdari*. Oramar, Yuksekova, Hakari.
177545. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
 No. 6308. *Karisik*. Umurbey, Lapseki, Canakkale.
- 177546 to 177554. *SORGHUM VULGARE* Pers. Poaceae.  
 177546. No. 5697. Tuzla, Izmir. Oct. 11.
- 177547 to 177551. Ankara.  
 177547. No. 4396. Broomcorn. 177550. No. 5307.  
 177548. No. 5305. Sept. 10. 177551. No. 5308.  
 177549. No. 5306. Broomcorn.
177552. No. 6297. *Supurke*. Oramar, Yuksekova, Hakari. Broomcorn.  
 177553. No. 6336. *Akdari*. Bilat, Hakari.  
 177554. No. 9784. Damascus, Syria. Oct. 18.
- 177555 and 177556. *SPARTIUM JUNCEUM* L. Fabaceae. Weavers-broom.  
 177555. No. 6172. Beykoz-Fidanlik, Istanbul. Oct. 27.  
 177556. No. 6173. Beykoz-Fidanlik, Istanbul. Oct. 27.
- 177557 to 177561. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
 177557. No. 4398. Ankara, Ankara. Seeds rough.  
 177558. No. 4403. Ankara.

**177234 to 177652—Continued****177557 to 177561—Continued**

177559. No. 4932. Merzifon, Amasya. Aug. 2. Seeds rough.

177560. No. 4969. Corum, Corum. Aug. 2. Seeds rough.

177561. No. 6309. Umurbey, Lapseki, Canakkale.

**177562 to 177565. TRIFOLIUM spp. Fabaceae.**

**Clover.**

From Beykoz-Fidanlik, Istanbul. Oct. 27.

177562. TRIFOLIUM sp.

No. 6160.

177563. TRIFOLIUM sp.

No. 6165.

177564. TRIFOLIUM sp.

No. 6169.

177565. TRIFOLIUM CAMPESTRE Schreb.

No. 6183.

**177566. VICIA ERVILLA (L.) Willd. Fabaceae.**

**Vetch.**

No. 9787. Damascus, Syria. Oct. 18.

**177567 and 177568. VICIA FABA L.**

**Broadbean.**

177567. No. 4404. Ankara, Ankara.

177568. No. 4907. Merzifon, Amasya. Aug. 2. Dark-colored type.

**177569 to 177571. VICIA SATIVA L.**

**Common vetch.**

177569. No. 5818. Sarkoy, Tekirdag. Oct. 21.

177570. No. 6373. Hanna, Tokat.

177571. No. 9780. Damascus, Syria. Oct. 18.

**177572. VICIA sp.**

**Vetch.**

No. 5700. Tuzla, Izmir. Aug. 2.

**177573. VICIA sp.**

No. 6149. Can, Canakkale. Oct. 27.

**177574. VICIA VILLOSA Roth.**

**Hairy vetch.**

No. 5716. Bayramic, Canakkale. Oct. 11.

**177575 to 177581. VIGNA SINENSIS (Torner) Savi. Fabaceae.**

**Cowpea.**

177575 to 177580. From Ankara, Ankara. Sept. 10.

177575. No. 5299.

177578. No. 5302.

177576. No. 5300.

177579. No. 5303.

177577. No. 5301.

177580. No. 5304.

177581. No. 6322. Geyman, Hakari.

**177582. XANTHIUM sp. Asteraceae.**

**Cocklebur.**

No. 5590. Kalecik, Ankara. Oct. 9.

**177583 to 177652. ZEA MAYS L. Poaceae.**

**Corn.**

177583. No. 4405. Ankara, Ankara. Popcorn; seeds white.

177584. No. 4427. Ankara. Seeds yellow.

177585. No. 5221. Sazli, Sinop. Sept. 2. Summer type; 40-day corn; seeds yellow, medium.



**177234 to 177652—Continued****177583 to 177652—Continued**

**177586 to 177643.** From Ankara, Ankara. Sept. 9 to 12. (Seed color and size as indicated.)

<b>177586.</b>	No. 5228.	Yellow, medium.	<b>177615.</b>	No. 5257.	Yellow, medium.
<b>177587.</b>	No. 5229.	White and yellow, medium.	<b>177616.</b>	No. 5258.	White, large.
<b>177588.</b>	No. 5230.	White and yellow, small.	<b>177617.</b>	No. 5259.	White, medium.
<b>177589.</b>	No. 5231.	Yellow, medium.	<b>177618.</b>	No. 5260.	White, small.
<b>177590.</b>	No. 5232.	Yellow, medium.	<b>177619.</b>	No. 5261.	White, small.
<b>177591.</b>	No. 5233.	Yellow, large.	<b>177620.</b>	No. 5262.	White; popcorn.
<b>177592.</b>	No. 5234.	Orange, medium.	<b>177621.</b>	No. 5263.	Yellow, medium.
<b>177593.</b>	No. 5235.	Yellow, medium.	<b>177622.</b>	No. 5264.	Yellow; popcorn.
<b>177594.</b>	No. 5236.	White, medium.	<b>177623.</b>	No. 5265.	White, medium.
<b>177595.</b>	No. 5237.	Yellow, large.	<b>177624.</b>	No. 5266.	White; popcorn.
<b>177596.</b>	No. 5238.	Red, small.	<b>177625.</b>	No. 5267.	White, medium.
<b>177597.</b>	No. 5239.	Yellow, large.	<b>177626.</b>	No. 5268.	White; popcorn.
<b>177598.</b>	No. 5240.	White, small.	<b>177627.</b>	No. 5269.	Yellow, medium.
<b>177599.</b>	No. 5241.	Yellow, medium.	<b>177628.</b>	No. 5270.	White, small.
<b>177600.</b>	No. 5242.	Orange, large.	<b>177629.</b>	No. 5271.	Yellow, small.
<b>177601.</b>	No. 5243.	White, medium.	<b>177630.</b>	No. 5272.	Yellow, medium.
<b>177602.</b>	No. 5244.	Yellow, medium.	<b>177631.</b>	No. 5273.	White, medium.
<b>177603.</b>	No. 5245.	White, small.	<b>177632.</b>	No. 5274.	White, large.
<b>177604.</b>	No. 5246.	White, large.	<b>177633.</b>	No. 5275.	White, small.
<b>177605.</b>	No. 5247.	Yellow, medium.	<b>177634.</b>	No. 5276.	Yellow, large.
<b>177606.</b>	No. 5248.	Orange, medium.	<b>177635.</b>	No. 5277.	Yellow, large.
<b>177607.</b>	No. 5249.	Yellow.	<b>177636.</b>	No. 5278.	Yellow, large.
<b>177608.</b>	No. 5250.	Yellow, medium.	<b>177637.</b>	No. 5279.	White, small.
<b>177609.</b>	No. 5251.	White, medium.	<b>177638.</b>	No. 5280.	White, large.
<b>177610.</b>	No. 5252.	Yellow, large.	<b>177639.</b>	No. 5281.	White, medium.
<b>177611.</b>	No. 5232.	White, medium.	<b>177640.</b>	No. 5282.	Yellow, large.
<b>177612.</b>	No. 5254.	Yellow, medium.	<b>177641.</b>	No. 5283.	(No data.)
<b>177613.</b>	No. 5255.	Yellow, large.	<b>177642.</b>	No. 5284.	(No data.)
<b>177614.</b>	No. 5256.	Yellow, medium.	<b>177643.</b>	No. 5285.	White, medium.
<b>177644.</b>	No. 5894.	Yalova, Istanbul. Oct. 22.	Seeds yellow.		
<b>177645.</b>	No. 6250.	Seygan, Semdinli, Hakari.	Seeds small, yellow.		
<b>177646.</b>	No. 6264.	Hinanis, Hakari.	Seeds yellow, small.		
<b>177647.</b>	No. 6292.	Oramar, Yuksekova, Hakari.	Seeds yellow, medium.		
<b>177648.</b>	No. 6316.	Cukurca, Hakari.	Seeds yellow.		
<b>177649.</b>	No. 6320.	Piyanis, Hakari.	Seeds yellow.		
<b>177650.</b>	No. 6350.	Piyanis, Hakari.			
<b>177651.</b>	No. 9728.	Arnet, Damascus, Syria. Oct. 17.	Seeds orange, large.		
<b>177652.</b>	No. 9792.	Damascus, Syria. Oct. 18.	Seeds yellow.		

**177653 to 177753. SECALE CEREALE L. Poaceae.****Rye.**

From Turkey. Seeds collected in 1948 by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 24, 1949.

177653. No. 4449. Balilidere, Susurluk, Izmir.

177654 to 177714. From Yuksek Ziraat Enstitusu, Ankara, Ankara. July 28.

177654 to 177670. Seeds originally collected from sources listed.

177654. No. 4703. Bilecik Province.	177663. No. 4716. Manisa.
177655. No. 4705. Karamursel, Kocaeli.	177664. No. 4719. (No data.)
177656. No. 4706. Bursa, Bursa.	177665. No. 4732. Bozuyuk, Bilecik.
177657. No. 4707. Kayseri, Kayseri.	177666. No. 4733. Kirikkale, Ankara.
177658. No. 4708. Erzincan Province.	177667. No. 4734. Tavsanli, Kutahya.
177659. No. 4709. Alanya, Antalya.	177668. No. 4735. Beysehir, Konya.
177660. No. 4711. Catalca, Istanbul.	177669. No. 4736. Islahiye, Gaziantep.
177661. No. 4712. Gumusane, Gumusane.	177670. No. 4737. Beykoz, Istanbul.
177662. No. 4713. Sarkoy, Te-kirdag.	

177671 to 177714. (No data.)

177671. No. 4738.	177693. No. 4768.
177672. No. 4739.	177694. No. 4769.
177673. No. 4740.	177695. No. 4770.
177674. No. 4741.	177696. No. 4771.
177675. No. 4742.	177697. No. 4773.
177676. No. 4743.	177698. No. 4774.
177677. No. 4744.	177699. No. 4776.
177678. No. 4745.	177700. No. 4777.
177679. No. 4749.	177701. No. 4780.
177680. No. 4750.	177702. No. 4781.
177681. No. 4751.	177703. No. 4782.
177682. No. 4754.	177704. No. 4783.
177683. No. 4756.	177705. No. 4784.
177684. No. 4757.	177706. No. 4786.
177685. No. 4759.	177707. No. 4788.
177686. No. 4760.	177708. No. 4789.
177687. No. 4761.	177709. No. 4790.
177688. No. 4762.	177710. No. 4791.
177689. No. 4763.	177711. No. 4794.
177690. No. 4764.	177712. No. 4797.
177691. No. 4766.	177713. No. 4798.
177692. No. 4767.	177714. No. 4801.

**177653 to 177753—Continued**

177715. No. 4994. Kizilcahamam, Ankara. Aug. 21. Local type.  
 177716. No. 5020. Kapullu, Safranbolu, Zonguldak. Aug. 23.  
 177717. No. 5053. Azziye, Susurluk, Balikesir. Aug. 23.  
 177718. No. 5111. Haskoy, Malkara, Tekirdag. Aug. 26.  
 177719. No. 5194. Balci, Kandira, Kocaeli. July 23.  
 177720. No. 5346. Yozgat, Yozgat. Sept. 15.  
 177721. No. 5355. Silivri, Istanbul. Sept. 20.  
 177722. No. 5384. Boyabat, Sinop. Sept. 25.  
 177723. No. 5390. Kasimlar, Zonguldak. Sept. 25. Local type.  
 177724. No. 5394. Corlu, Tekirdag. Sept. 27.  
 177725. No. 5395. Turkgucu, Corlu, Tekirdag.  
 177726. No. 5396. Bakirca, Corlu.  
 177727. No. 5474. Manyas, Balikesir. Oct. 5.  
 177728. No. 5496. Nigel, Tosya, Kastamonu. Oct. 6. Common around Mintakasi mountain.  
 177729. No. 5503. Cayircik, Devrekani, Kastamonu.  
 177730. No. 5547. Karacabey, Bursa. Oct. 8. Dark-colored type.  
 177731. No. 5642. Terme, Samsun. Oct. 11.  
 177732. No. 5687. Engiz, Bafra, Samsun.  
 177733. No. 6044. Gebze, Kocaeli. Oct. 25.  
 177734. No. 6094. Yagmurlaz, Alasehir, Manisa. Oct. 26.  
 177735. No. 6108. Leyis, Niksar, Tokat. Oct. 27.  
 177736. No. 6195. Eriklice, Kirklareli. Oct. 27.  
 177737. No. 6222. Karabiga, Biga, Canakkale.  
 177738. No. 6265. Hinanis, Hakari.  
 177739. No. 6298. Yuksekova, Hakari.  
 177740. No. 6346. Piyanis, Hakari.  
 177741. No. 7748. Muradiye, Van. Aug. 22.  
 177742. No. 9021. Director of Agriculture, Corum, Corum. Sept. 20.  
 177743. No. 9076. Director of Agriculture, Kirsehir. Sept. 20.  
 177744. No. 9106. Grain market, Argincik, Kayseri. Sept. 21.  
 177745. No. 9277. Grain market, Ereyli, Konya. Sept. 23.  
 177746. No. 9283. Grain market, Konya, Konya. Sept. 23.  
 177747. No. 9654. Market, Sivrihisar, Eskisehir. Sept. 29.  
 177748. No. 10146. Haresik, Van.  
 177749. No. 10151. Ortakoy, Orhangazi, Bursa. Summer type.  
 177750. No. 10186. Kirklareli, Kirklareli.  
 177751. No. 10188. Kirklareli.  
 177752. No. 10240. Dona, Sebinkarahisar, Giresun.  
 177753. No. 10331. Askale, Erzurum.

**177754 to 177765.**

From Italy. Seeds presented by the American Embassy, Rome. Received Mar. 18, 1949.

177754. *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

## 177754 to 177765—Continued

177755 to 177764. PHASEOLUS spp. Fabaceae.

177755. PHASEOLUS COCCINEUS L.

Scarlet runner bean.

*Rampicante De Spagna Bianco.*

177756. PHASEOLUS LUNATUS L.

Lima bean.

*Rampicante De Spagna Colorato.*

177757 to 177764. PHASEOLUS VULGARIS L.

Common bean.

177757. *Fagiolo Nano Americano (Verdine).*177758. *Nano Borlotto Di Praga.*177759. *Nano Cannellino Bianco.*177760. *Nano Rena Di Gallo.*177761. *Nano Saluggia.*177762. *Rampicante Di Valsesia.*177763. *Rampicante Borlotto Di Vigevano.*177764. *Rampicante Scozzese.*

177765. VIGNA SINENSIS (Torner) Savi. Fabaceae.

Cowpea.

*Nano Dall'Occhio.*

## 177766 to 178234.

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 25, 1949.

Collected in 1948.

177766 to 177867. AVENA SATIVA L. Poaceae.

Common oats.

177766. No. 4467. Elmagulu, Kadirli, Seyhan.

177767. No. 4471. Kozan, Seyhan.

177768. No. 4488. *Siha*. Ayas, Yumurtalik, Seyhan.

177769. No. 4492. Karabiga, Biga, Canakkale.

177770. No. 4493. Camlikoy, Susurluk, Izmir.

177771 to 177817. From Yuksek Ziraat Enstitusu, Ankara, Ankara. July 28.

177771. No. 4647.

177787. No. 4663.

177772. No. 4648.

177788. No. 4664.

173773. No. 4649.

177789. No. 4665.

177774. No. 4650.

177790. No. 4666.

177775. No. 4651.

177791. No. 4667.

177776. No. 4652.

177792. No. 4668.

177777. No. 4653.

177793. No. 4669.

177778. No. 4654.

177794. No. 4670.

177779. No. 4655.

177795. No. 4671.

177780. No. 4656.

177796. No. 4673.

177781. No. 4657.

177797. No. 4674.

177782. No. 4658.

177798. No. 4675.

177783. No. 4659.

177799. No. 4676.

177784. No. 4660.

177800. No. 4677.

177785. No. 4661.

177801. No. 4678.

177786. No. 4662.

177802. No. 4679.

**177766 to 178234—Continued****177766 to 177867—Continued****177771 to 177817—Continued**

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|---|-----------------------------|
| 177803. No. 4680.   | 177811. No. 4690.           |
| 177804. No. 4681.   | 177812. No. 4691.           |
| 177805. No. 4682.   | 177813. No. 4692.           |
| 177806. No. 4683.   | 177814. No. 4693.           |
| 177807. No. 4684.   | 177815. No. 4698.           |
| 177808. No. 4685.   | 177816. No. 4699.           |
| 177809. No. 4688.   | 177817. No. 4700.           |
| 177810. No. 4689.   |                             |
| 177818. No. 5829. Sarkoy, Tekirdag. Oct. 21.  |                             |
| 177819. No. 5024. Yazikoy, Safranbolu, Zonguldak. Aug. 23.                                    |                             |
| 177820. No. 5181. Bayrakdar, Erzurum. Sept. 2.  |                             |
| 177821. No. 5205. Cavus Ciftligi, Karamursel, Kocaeli.  |                             |
| 177822. No. 5220. Ada, Sinop. Sept. 2.  |                             |
| 177823 to 177839. From Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13.       |                             |
| 177823. No. 5311. Originally from Manisa, Manisa. (40)  | 177831. No. 5329. (6853)    |
| 177824. No. 5316. (9)   | 177832. No. 5330. (2)       |
| 177825. No. 5318. (55)  | 177833. No. 5331. (1779)    |
| 177826. No. 5320. (592)   | 177834. No. 5332. (1)       |
| 177827. No. 5322. (495)   | 177835. No. 5333.           |
| 177828. No. 5323. (4)   | 177836. No. 5334. (702)     |
| 177829. No. 5324. (53)  | 177837. No. 5335. (7483)    |
| 177830. No. 5325. (77)  | 177838. No. 5336. (48)      |
|   | 177839. No. 5337. (47)      |
| 177840. No. 5356. Silivri, Istanbul. Sept. 20.  |                             |
| 177841 to 177845. Corlu, Tekirdag.  |                             |
| 177841. No. 5438. Bakirca. Sept. 27.  | 177844. No. 5441. Turkguen. |
| 177842. No. 5439. Yukari Sevindik.  | 177845. No. 5442. Arzular.  |
| 177843. No. 5440.   |                             |
| 177846. No. 5459. Deblek, Bandirma, Balikesir. Sept. 30.                                      |                             |
| 177847. No. 5480. Manyas, Balikesir. Oct. 5.  |                             |
| 177848. No. 5550. Kara Agac, Orhaneli, Bursa. Oct. 8.   |                             |
| 177849. No. 5554. Orhaniye, Karacabey, Bursa. Double type.                                    |                             |
| 177850. No. 5641. Yukari Gerfi, Terme, Samsun. Oct. 11. Common to vicinity of Karadeniz.      |                             |
| 177851. No. 5662. Deliahmetoglu, Ladik, Samsun.   |                             |
| 177852. No. 5731. Kocabey, Ayvacik, Canakkale. Oct. 18.                                       |                             |
| 177853. No. 5739. Ayvacik, Canakkale.   |                             |
| 177854. No. 5955. Biga, Canakkale. Oct. 23.   |                             |
| 177855. No. 6227. <i>Sifan</i> . Ceyhan, Seyhan. Nov. 10.                                     |                             |
| 177856. No. 8918. Grain market, Erzincan, Erzincan. Sept. 17. Originally from Ankara, Ankara. |                             |

## 177766 to 178234—Continued

## 177766 to 177867—Continued

177857. No. 9014. Himmet Faki, Sivas. Sept. 19.  
 177858. No. 9278. Grain market, Ereyli, Konya. Sept. 23.  
 177859. No. 9472. Market, Kutahya, Kutahya. Sept. 25.  
 177860. No. 9513. Ciftligi Harasi, 52 km. east of Eskisehir, Eskisehir. Sept. 26.  
 177861. No. 10149. *Bayrak Sumbuleli*. Orhangazi, Bursa. June 15. Common in region of Harmanlar.  
 177862 to 177866. From Kirklareli Province.  
 177862. No. 10178. Palas. 177865. No. 10293. Karacabey Harasi.  
 177863. No. 10191. Kirklareli. 177866. No. 10295. Karacabey Harasi.  
 177864. No. 10283. Babaeski.  
 177867. No. 10358. Kurtul, Gemlik, Bursa. White oat.

## 177868 to 177889. TRITICUM AESTIVUM L. Poaceae.

Common wheat

177868. No. 4451. Girhan, Derik, Mardin.  
 177869. No. 4452. Gokhoyuk, Amasya, Amasya.  
 177870. No. 4453. Arazik, Elazig, Elazig.  
 177871. No. 4454. Ceylanpinar, Urfa.  
 177872. No. 4455. Ulupinar, Zile, Tokat.  
 177873. No. 4456. Kaynar, Pinarbasi, Kayseri.  
 177874. No. 4461. Ikizce, Akcakale, Diyarbakir.  
 177875. No. 4463. Teslim, Corum.  
 177876. No. 4465. Gobel, Susurluk, Balikesir.  
 177877. No. 4476. Ceyhan, Seyhan.  
 177878. No. 4478. Ayranci, Karapinar, Konya.  
 177879. No. 4479. Karahamzalar, Biga, Canakkale.  
 177880. No. 4480. *Siha*. Kozan, Seyhan.  
 177881. No. 4485. Minetler, Babaeski, Kirklareli.  
 177882. No. 4486. Babetelhatle, Akcakale, Diyarbakir.  
 177883. No. 4490. Kinedaric, Elazig, Elazig.  
 177884. No. 4495. Ceylanpinar, Urfa.  
 177885. No. 4496. Doganca, Babaeski, Kirklareli.  
 177886. No. 4497. Cukurova, Adana, Seyhan.  
 177887. No. 4498. Pasa Ciftligi, Bandirma, Balikesir.  
 177888. No. 4499. Cepni, Bandirma, Balikesir.  
 177889. No. 4500. Yukari, Bor, Nigde.  
 177890 to 177899. TRITICUM MONOCOCCUM L.  
 177890. No. 5038. Yazikoy, Safranbolu, Zonguldak. Aug. 23.  
 177891. No. 5048. *Kaplica*. Yildiz, Susurluk, Balikesir.  
 177892. No. 5197. *Kaplica*. Tarakli, Geyve, Kocaeli. Sept. 2.  
 177893. No. 5365. *Kaplica*. Silivri, Istanbul. Sept. 20.  
 177894. No. 5367. *Kaplica*. Gerede, Bolu. Aug. 20. Common to this locality.  
 177895. No. 5422. *Kaplica*. Turkgucu, Corlu, Tekirdag. Sept. 27.  
 177896. No. 5423. *Kaplica*. Bakirca, Corlu.

## 177766 to 178234—Continued

## 177890 to 177899—Continued

177897. No. 5488. *Kaplica*. Agcikiri, Taskopru, Kastomonu.  
 177898. No. 5508. *Kaplica*. Habeseli, Devrekani, Kastomonu. Oct. 6.  
 177899. No. 5509. *Kaplica*. Viranbasi, Devrekani.

## 177900 to 177908. TRITICUM AESTIVUM L.

Common wheat.

## 177900 to 177903. Merzifon, Amasya.

177900. No. 4908. *Uveyik*. Aug. 2. 177902. No. 4921. *Ziraat*.  
 177901. No. 4909. *Sam*. 177903. No. 4922.

177904. No. 4936. *Sam*. Alaca, Corum. Aug. 2.177905. No. 4937. *Uveyik*. Corum, Corum.177906. No. 4960. *Uveyik*. Alaca, Corum.177907. No. 5188. *Alabugday*. Sullu, Kandira, Kocaeli. July 23.

## 177908. No. 5189. Sullu, Kandira. Beardless.

## 177909. TRITICUM MONOCOCCUM L.

No. 5792. *Kaplica*. Seferler, Kandira, Kocaeli. July 23. Commonly found in region of Bayir.

## 177910 to 178069. TRITICUM AESTIVUM L.

Common wheat.

## 177910 to 177914. From Sinop Province.

177910. No. 5213. *Gozluk*. Sept. 2. 177913. No. 5218. *Ada*.  
 Black-bearded.

177911. No. 5216. *Mengen*. Sazli.

177914. No. 5219.
- Ada*
- .

177912. No. 5217. *Ada*.

## 177915. No. 5342. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13.

## 177916. No. 5349. Yozgat, Yozgat. Sept. 15.

## 177917. No. 5350. Yozgat, Yozgat.

177918. No. 5370. *Yunan*. Basekin, Boyabat, Sinop. Sept. 25.177919. No. 5373. *Cali*. Boyabat, Sinop.

## 177920. No. 5377. Karaca Oren, Boyabat, Sinop.

177921. No. 5379. *Yunan*. Abdaloglu, Gerze, Sinop.177922. No. 5380. *Ziraat*. Abdaloglu, Gerze, Sinop.

## 177923. No. 5382. Abdaloglu, Gerze, Sinop.

## 177924 to 177930. Corlu, Terkirdag.

177924. No. 5402. Vakiflau. Sept. 27. 177928. No. 5408.

177925. No. 5403. 177929. No. 5410. Sarilar.

177926. No. 5406. Turkmenli. 177930. No. 5424.
- Kaplica*
- .

177927. No. 5407. Sevindekli. Sevindekli.

177931. No. 5444. *Akbasak*. Debleki, Bandirma, Balikesir. Sept. 30.177932. No. 5445. *Akova*. Debleki, Bandirma.

## 177933. No. 5447. Debleki, Bandirma. Black-bearded.

## 177934. No. 5470. Manyas, Balikesir. Oct. 5.

## 177935 to 177942. From Kastamonu Province.

177935. No. 5495. Tosya. Oct. 6.

177936. No. 5498.
- Oksuz Everen*
- . Agakislasi, Tosya.

## 177766 to 178234—Continued

## 177910 to 178069—Continued

## 177935 to 177942—Continued

177937. No. 5499. *Kavak*. Tosya.  
177938. No. 5505. *Mutevelli*, Devrekani.  
177939. No. 5511. *Kavak*. Balabanlar, Devrekani.  
177940. No. 5513. *Saribas*. Kasaplar, Devrekani.  
177941. No. 5520. *Mesudiye*, Arac. Oct. 7. Bearded.  
177942. No. 5534. *Cakirli*. Eymur. Local.  
177943. No. 5556. *Akova*. Karacabey, Bursa. Oct. 8.  
177944. No. 5583. *Eskikoy*, Kalecik, Ankara. Oct. 9.  
177945. No. 5584. *Sivas*. Kizilkaya, Kalecik, Ankara.  
177946. No. 5602. *Misri*. Yaslimizar, Suruc, Urfa. Oct. 9.  
177947. No. 5608. *Pircikli*. Pehlivan Kesme, Suruc, Urfa.  
177948. No. 5622. *Sarikoy*, Bafra, Samsun. Oct. 11. Winter type.  
177949. No. 5623. Bafra, Samsun.  
177950. No. 5629. *Kara*. Cariklibasi, Kavak, Samsun.  
177951. No. 5955. *Alkara*. Kuyucak, Ladik, Samsun. Oct. 11.  
177952. No. 5721. *Kulp*, Diyarbakir. Oct. 11.  
177953. No. 5851. *Kagizman*, Kars. Aug. 13. Soft, spring wheat. Common in region of Tizla.  
177954. No. 5938. *Aksusam*. Ayvalik, Balikesir. Oct. 22.  
177955. No. 5976. *Saribasak*. Biga, Canakkale. Oct. 23.  
177956. No. 5977. *Akova*. Biga, Canakkale.  
177957. No. 6062. *Sorgun*. Urfa, Urfa. Oct. 25.  
177958. No. 6064. Urfa, Urfa.  
177959. No. 6153. Can, Canakkale.  
177960. No. 6201. *Mireycip*, Akcakale, Diyarbakir. Nov. 10.  
177961. No. 6205. *Resmal*, Akcakale, Diyarbakir.  
177962. No. 6207. *Mahsara*, Mursitpinar, Diyarbakir.  
177963. No. 6209. *Tahir*, Malatya, Diyarbakir.  
177964. No. 6214. *Siha*. Erzin, Seyhan. Nov. 10.  
177965. No. 6216. *Yarik*, Ayranci, Konya.  
177966. No. 6219. *Sekerbeyi*, Corum, Corum.  
177967. No. 6221. *Kilavuz*, Bor, Nigde.  
177968. No. 6225. *Sekerbeyi*, Corum, Corum. Normal soft.  
177969. No. 6226. *Ibrahim*, Alaca, Corum.  
177970. No. 6228. *Kubik*, Mursitpinar, Diyarbakir.  
177971. No. 6253. *Cukurca*, Hakari. Spring type.  
177972. No. 6326. *Cukurca*, Hakari. Spring type.  
177973. No. 6333. *Sahi*, Yuksekova, Hakari.  
177974. No. 6352. *Guzluk*. Piyanis, Hakari. Common in vicinity of Lirinbucag.  
177975. No. 6365. *Piyanis*, Hakari. Spring type.



**177766 to 178234—Continued****177910 to 178069—Continued**

**177976 to 178016.** From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Winter type.

177976. No. 6379. No. 175/1.	177997. No. 6415. No. 157/2.
177977. No. 6381. No. 184/2.	177998. No. 6422. No. 167/1.
177978. No. 6383. No. 170/9.	177999. No. 6423. No. 167/3.
177979. No. 6386. No. 145/1.	178000. No. 6424. No. 165/5.
177980. No. 6387. No. 158/3.	178001. No. 6425. No. 155/2.
177981. No. 6388. No. 160/8.	178002. No. 6429. No. 199/1.
177982. No. 6390. No. 152/2.	178003. No. 6430. No. 142/1.
177983. No. 6394. No. 158/5.	178004. No. 6437. No. 164/2.
177984. No. 6395. No. 188/4.	178005. No. 6438. No. 185/5.
177985. No. 6399. No. 166/5.	178006. No. 6439. No. 162/3.
177986. No. 6400. No. 195/5.	178007. No. 6442. No. 193/2.
177987. No. 6401. No. 181/4.	178008. No. 6443. No. 169/2.
177988. No. 6403. No. 146/3.	178009. No. 6450. No. 192/1.
177989. No. 6406. No. 147/1.	178010. No. 6451. No. 138/1.
177990. No. 6407. No. 154/15.	178011. No. 6457. No. 176/6.
177991. No. 6408. No. 144/4.	178012. No. 6458. No. 155/3.
177992. No. 6409. No. 153/8.	178013. No. 6461. No. 138/6.
177993. No. 6410. No. 167/5.	178014. No. 6474. No. 141/5.
177994. No. 6411. No. 149/9.	178015. No. 6475. No. 180/4.
177995. No. 6412. No. 176/8.	178016. No. 6479. No. 154/12.
177996. No. 6414. No. 146/5.	

178017. No. 7667. *Kirik*. Kupkiran, Karakose, Agri. Aug. 21.

178018. No. 7679. *Kirik*. Sincan, Tutak, Agri.

178019. No. 7680. Sincan, Tutak Agri.

178020. No. 7691. Patnos, Agri. Aug. 1.

178021. No. 7693. *Kirik*. Patnos, Agri. Aug. 1.

178022. No. 7773. Market, Van, Van. Aug. 23. Beard black.

178023. No. 7779. *Kirik*. Market, Van, Van. Aug. 23.

178024. No. 8206. Government Farm, Ceylanpınar, Urfa. Sept. 7. Beard black.

178025. No. 8248. Bozova, Urfa. Sept. 8.

178026. No. 8739. *Topik* and *Asure*. Ciftlik, Elazığ. Sept. 15. Presumably mixed.

178027. No. 8825. *Gozluk*. Pulumur, Tunceli.

178028. No. 8833. Nazimiye, Tunceli.

178029. No. 8914. Grain market, Erzincan, Erzincan. Sept. 17. Originally from village of Vaavi. Beard black.

178030. No. 8916. Tercan, Erzincan, Erzincan.

178031. No. 9012. *Yelik*. Grain market, Sivas, Sivas. Sept. 19. Originally from village of Calli, Beydirli.

178032. No. 9015. *Hicoz*. Director of Agriculture, Corum, Corum. Sept. 20. Originally from Saray Valley.

## 177766 to 178234—Continued

## 177910 to 178069—Continued

178033. No. 9017. *Alaca*, Corum.  
 178034. No. 9018. *Uveyk*. Alaca, Corum.  
 178035. No. 9362. *Karahoyuk*, Kayseri. Sept. 21.  
 178036. No. 9363. *Karahoyuk*, Kayseri. Sept. 21.  
 178037. No. 9833. *Bahariye*. Experiment Station in West Baghdad, Iraq.  
 Oct. 30. Originally from Arbil, Iraq.  
 178038. No. 4447. *Tiluyyat*, Derbesiye, Diyarbakir.  
 178039. No. 4457. *Abamur*, Mursitpinar, Diyarbakir.  
 178040. No. 4458. *Civril*, Izmir.  
 178041. No. 4459. *Sunter*. Kuseu, Pinarbasi, Ankara.  
 178042. No. 4460. *Ceyhan*, Seyhan.  
 178043. No. 4462. *Yagci*, Susurluk, Balikesir.  
 178044. No. 4464. *Malatya*, Diyarbakir.  
 178045. No. 4466. *Yagbasan*, Havza, Samsun.  
 178046. No. 4468. *Sultancayir*, Susurluk, Balikesir.  
 178047. No. 4469. *Kizilayhan*, Derik, Diyarbakir.  
 178048. No. 4470. *Zirain Kombinalar*, Ceylanpinar, Urfa.  
 178049. No. 4472. *Koruk*, Elazig, Elazig.  
 178050. No. 4473. *Cuvatko*y, Akcakale, Diyarbakir.  
 178051. No. 4477. *Yavuzca*, Civril, Izmir.  
 178052. No. 4481. *Gokhuyuk*, Amasya, Amasya.  
 178053. No. 4489. *Karabiga*, Canakkale.  
 178054. No. 4491. *Murseklim*, Babaeski, Kirklareli.  
 178055. No. 4494. *Muhtelif*, Alasehir, Izmir.  
 178056. No. 4957. *Kalesehir*, Alaca, Corum. Aug. 2.  
 178057. No. 4958. *Sekerbeyi*, Corum.  
 178058. No. 4982. *Saribursa*. Yozgat, Yozgat. Aug. 3.  
 178059. No. 4983. *Akbugday*. Yozgat.  
 178060. No. 4993. *Kunduru*. Market, Kizilcahamam, Ankara. Aug. 21.  
 178061. No. 5031. *Safranbolu*, Zonguldak. Aug. 23.  
 178062 to 178067. *Susurluk*, Balikesir.  
 178062. No. 5041. *Akova*. Sultancayir. Aug. 23.  
 178063. No. 5042. *Canakkale*.  
 178064. No. 5043. *Posal*. Subak. Aug. 23.  
 178065. No. 5044. *Yagli*.  
 178066. No. 5047. *Saribasak*. Babakoy.  
 178067. No. 5049. *Akbasak*. Sultancayir.  
 178068. No. 5190. *Seferler*, Kandira, Kocaeli. Sept. 2. Yellow.  
 178069. No. 5209. *Sazli*, Kabali, Sinop. Sept. 2. Winter type.  
 178070. *TRITICUM MONOCOCUM* L.  
 No. 5211. *Sazli*, Kabali, Sinop.

## 177766 to 178234—Continued

178071 to 178234. *TRITICUM AESTIVUM* L.

Common wheat.

178071 to 178074. Yesilkoy Seed Improvement Station, Istanbul, Istanbul.

178071. No. 5338.

178073. No. 5340. Station No. 24540.

178072. No. 5339. Station No. 24218.

178074. No. 5341. Station No. 23526.

178075. No. 5348. Yozgat, Yozgat. Sept. 15.

178076. No. 5351. Silivri, Istanbul. Sept. 20.

178077. No. 5352. *Bozbasak*. Silivri.178078. No. 5362. *Akbasak*. Silivri.178079. No. 5376. *Rumeli*. Sih, Boyabat, Sinop. Sept. 25.178080. No. 5378. *Rus*. Abdaloglu, Gerze, Sinop.178081. No. 5381. *Ankara*. Abdaloglu, Gerze, Sinop.178082. No. 5383. *Ayancik*. Abdaloglu, Gerze, Sinop.

178083. No. 5388. Gaca, Zonguldak. Sept. 25.

178084 to 178094. Corlu, Tekirdag.

178084. No. 5400. Sept. 27.

178090. No. 5412. Balabanli.

178085. No. 5401. Turkguclu.

178091. No. 5413. Bakirca.

178086. No. 5404. Muratli.

178092. No. 5414. Turkguclu.

178087. No. 5405. Sevindekli.

178093. No. 5415.

178088. No. 5409.

178094. No. 5419. *Kizilca*. Bakirca.

178089. No. 5411. Turkguclu.

178095. No. 5446. *Saribasak*. Deblekli, Bandirma, Balikesir. Sept. 30.178096. No. 5469. *Kaplica*. Deblekli, Bandirma, Balikesir. Sept. 30.

178097 to 178104. From Kastamonu Province.

178097. No. 5489. *Saribas*. Agcikiri, Taskopru. Oct. 6.

178098. No. 5491. Agcikiri, Taskopru. Oct. 6. Italian soft type.

178099. No. 5492. Agcikiri, Taskopru. Oct. 6.

178100. No. 5500. *Karabas*. Karacabey, Tosya. Oct. 6.178101. No. 5501. *Rus*. Karacabey, Tosya. Oct. 6.

178102. No. 5512. Devrekani. Winter type.

178103. No. 5514. Cayircik, Devrekani. Beard black.

178104. No. 5517. Suzey, Arac. Oct. 7.

178105. No. 5539. Cermik, Diyarbakir. Oct. 8.

178106 to 178113. From Bursa Province.

178106. No. 5557. *Egitmen Akova*. Karacabey. Oct. 8.178107. No. 5558. *Kokane*. Aydin Ciftligi, Karacabey.178108. No. 5559. *Manasaris*. Yecit.178109. No. 5560. *Kokane*. Karacabey.

178110. No. 5561. Karacabey.

178111. No. 5562. *Akova Egitmen*. Samane.178112. No. 5563. *Kose*. Selcugazi.178113. No. 5564. *Kokane*. Bademli.178114. No. 5582. *Kundururu*. Kalecik, Ankara. Oct. 9.

## 177766 to 178234—Continued

## 178071 to 178234—Continued

178115. No. 5597. *Semsati*. Zeydoglu, Suruc, Urfa.  
 178116. No. 5600. *Menceki*. Zeydoglu, Suruc, Urfa.  
 178117. No. 5609. *Altintane; Hapzer*. Tepelimizar, Suruc, Urfa. Oct. 9.  
 178118. No. 5613. Yaslimizar, Suruc, Urfa. Beard black; heads reddish.  
 178119. No. 5616. *Paredane*. Yaslimizar, Suruc, Urfa.  
 178120. No. 5625. Cariklibasi, Kavak, Samsun. Oct. 11. Italian.  
 178121. No. 5630. *Kaplica*. Kavak, Samsun.  
 178122. No. 5631. Cariklibasi, Kavak.  
 178123. No. 5632. *Kirkveran*. Belalan, Kavak, Samsun.  
 178124. No. 5636. Yukari Gerfi, Terme, Samsun. June 20.  
 178125. No. 5637. Terme, Samsun. June 25. Common in vicinity of Karadeniz.  
 178126. No. 5110. *Akbasak*. Malkara, Tekirdag. Aug. 26.  
 178127. No. 5719. Kulp, Diyarbakir. Oct. 11.  
 178128. No. 5770. Ayvacik, Canakkale. Oct. 18.  
 178129 to 178133. Kagizman, Kars.  
 178129. No. 5848. *Topbas*. Kizilveren. Aug. 11. Winter type.  
 178130. No. 5849. *Kirik*. Kizilveren. Aug. 11.  
 178131. No. 5855. Kers Yaylasi. Sept. 1. Red winter type.  
 178132. No. 5857. Kizilveren. July 25. Bursa black-bearded type.  
 178133. No. 5858. Kizilveren. July 25. Spring type.  
 178134. No. 5866. Tekirdag. Oct. 22.  
 178135. No. 5957. *Kunduru*. Biga, Canakkale. Oct. 23.  
 178136. No. 5963. *Arnavut*. Biga.  
 178137. No. 5980. *Karabasak*. Biga.  
 178138. No. 5981. *Biga*. Dark-colored type.  
 178139. No. 5992. *Beledi*. Akziyare, Urfa. Oct. 23.  
 178140. No. 6009. Urfa, Urfa.  
 178141. No. 6015. *Kose*. Urfa, Urfa.  
 178142. No. 6037. Gebze, Kocaeli. July 15. Beard black.  
 178143. No. 6039. *Saribasak*. Gebze, Kocaeli.  
 178144. No. 6040. Gebze, Kocaeli.  
 178145. No. 6090. Tepecik Ciftligi, Salihli, Manisa. Oct. 26.  
 178146. No. 6091. Tepecik Ciftligi, Salihli, Manisa. Oct. 26.  
 178147 to 178150. Niksar, Tokat.  
 178147. No. 6111. Restahasan. Oct. 27. 179149. No. 6114. Aptalkolu.  
 178148. No. 6115. *Uveyik*. Leyis. 178150. No. 6116. *Uveyik*. Aptalkolu.  
 178151. No. 6204. Suruc, Mursitpinar, Diyarbakir. Nov. 10.  
 178152. No. 6208. Palabiyik, Corum, Corum. Beard black.  
 178153. No. 6211. Cukurkuyu, Bor, Konya. Nov. 10.  
 178154. No. 6212. Tatar, Corum.  
 178155. No. 6224. Coplu, Civril, Irmir.

## 177766 to 178234—Continued

## 178071 to 178234—Continued

178156. No. 6229. *Siha*. Ayas, Yumurtalik, Seyhan.

178157. No. 6231. Burnuhoyuk, Ayranci, Konya.

178158. No. 6235. Gubesik, Derbesiye, Diyarbakir.

178159. No. 6236. Kizilca, Bor, Konya.

178160. No. 6301. Yuksekova, Hakari.

178161. No. 6319. Cukurca, Hakari.

178162 to 178179. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Winter type.

178162. No. 6377. No. 138/4. 178171. No. 6405. No. 160/11.

178163. No. 6378. No. 159/3. 178172. No. 6413. No. 141/3.

178164. No. 6380. No. 189/2. 178173. No. 6416. No. 139/3.

178165. No. 6382. No. 183/5. 178174. No. 6417. No. 177/4.

178166. No. 6385. No. 148/3. 178175. No. 6418. No. 144/10.

178167. No. 6384. No. 168/7. 178176. No. 6419. No. 178/7.

178168. No. 6396. No. 151/2. 178177. No. 6426. No. 144/13.

178169. No. 6397. No. 179/2. 178178. No. 6427. No. 147/2.

178170. No. 6402. No. 160/7. 178179. No. 6455. No. 190/4.

178180. No. 7557. Seed warehouse, Igdir, Kars. Aug. 19.

178181. No. 7606. Kacardogan Sali, Igdir, Kars. Aug. 19.

178182. No. 7607. Urgup, Igdir.

178183. No. 7690. *Tir*. Patnos, Agri. Aug. 21.

178184. No. 7702. *Tir*. Kocapinar, Ercis, Van. Aug. 21.

178185. No. 7723. *Tir*. Seed dealer, Ercis, Van. Originally from village of Nursu, Van.

178186. No. 7742. *Hevidi*. Muradiye, Van. Aug. 21.

178187. No. 7755. *Kirik*. Iskele, Van.

178188. No. 7775. Seed dealer, Van, Van. Aug. 23. Originally from village of Timar, Van.

178189. No. 8043. Seed dealer, Diyarbakir, Diyarbakir. Sept. 14. Originally from village of Kozan, Diyarbakir.

178190. No. 8264. Melikviran, Urfa. Sept. 8. Seeds red.

178191. No. 8349. Grain market, Birecik, Urfa. Sept. 9. Seeds red.

178192 to 178198. From Tunceli Province.

178192. No. 8816. *Eskisehir* 178195. No. 8826. Pulumur.  
No. 705. Kalan. Sept. 16. 178196. No. 8830. Hozat.

178193. No. 8818. Hozat. 178197. No. 8836. *Sunter*. Kalan.

178194. No. 8820. Hozat. 178198. No. 8837. *Mentana*. Kalan.

178199. No. 8913. *Malatya*. Grain market, Erzincan, Erzincan. Sept. 17. Originally from village of Koprubasi, Erzincan.

178200. No. 8917. *Kirik*. Tercan, Erzincan.

178201. No. 8919. *Malkesi*. Asapalanga, Erzincan. Sept. 17.

178202. No. 8940. *Pamucak*. General store, Susehri, Sivas. Sept. 18.

178203. No. 9005. *Zerum*. Grain market, Sivas, Sivas. Sept. 19. Originally from village of Ulas, Sivas.

## 177766 to 178234—Continued

## 178071 to 178234—Continued

178204. No. 9006. *Topbas*. Market, Sivas, Sivas. Originally from Pacac, Hafik, Sivas.
178205. No. 9010. Market, Sivas. Originally from village of Hayerdibi, Sivas.
178206. No. 9013. *Saribas*. Akpunar, Hafik, Sivas.
178207. No. 9020. *Uveyk*. Director of Agriculture, Corum, Corum. Sept. 20. Originally from village of Sehmustafa, Corum.
178208. No. 9028. *Sam*. Director of Agriculture, Corum, Corum. Originally from village of Ahi Hyaz, Corum.
178209. No. 9613. *Cross 13 × 702*. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.
178210. No. 9620. *Yoyla* 305. Eskisehir Station, Eskisehir, Eskisehir. A true winter wheat from Kelkit Valley, the only such wheat known in Turkey. Originally from Karahisar, eastern Turkey.
178211. No. 9631. *Lincalel*. Eskisehir Station, Eskisehir, Eskisehir. Originally from Argentina. This variety will not germinate for at least 3 months after harvest, and is therefore useful where rains come in fall before harvest and storage is completed.
178212. No. 9843. *Agyba*. Experiment Station, Baghdad, Iraq. Oct. 30.
- 178213 to 178219. From Van Province.
178213. No. 10123. Van. White type.
178214. No. 10126. *Kirik*. Bardakici.
178215. No. 10127. Tarhani.
178216. No. 10143. Esbisinek. Beard black.
178217. No. 10144. Macaris. White.
178218. No. 10145. *Hevidik*. Behlul.
178219. No. 10147. Karaduman. Black-bearded.
178220. No. 10179. Erikleryolu, Babaeski, Kirklareli.
178221. No. 10181. Kapakle, Kirklareli.
178222. No. 10183. Asilbeyli, Kirklareli.
- 178223 to 178228. From Diyarbakir, Diyarbakir,.
178223. No. 10225. 178226. No. 10231.
178224. No. 10227. 178227. No. 10233.
178225. No. 10228. 178228. No. 10234.
178229. No. 10244. Eskune, Sebinkarahisar, Giresun.
- 178230 to 178234. Gemlik, Bursa.
178230. No. 10343. *Mente*. Gencali. Bearded type.
178231. No. 10360. *Mente*. Gencali. Beardless.
178232. No. 10362. Kurtul. Beard black.
178233. No. 10363. *Devedisi*. Kurtul.
178234. No. 10366. *Kurt; Koca*. Kurtul.

## 178235 to 178278.

From the Union of South Africa. Seeds presented by the American Legation, Pretoria, Transvaal. Received Mar. 11, 1949.

178235. *AGROSTIS BERGIANA* Trin. Poaceae.
178236. *ARISTIDA CAPENSIS* (L.) Lam. Poaceae.

## 178235 to 178278—Continued

178237. *BETA VULGARIS* L. Chenopodiaceae. Beet.
178238. *DOLICHOS GIBBOSUS* Thunb. Fabaceae.
178239. *EHRHARTA CALYCINA* J. E. Smith. Poaceae. Perennial veldtgrass.
178240. *ERAGROSTIS LEHMANNIANA* Nees. Poaceae.
178241. *ERAGROSTIS* sp.
- 178242 to 178244. *ERAGROSTIS SUPERBA* Peyr.
178242. No. 1.
178243. No. 2.
178244. No. 3.
178245. *GREWIA CANA* Sond. Tiliaceae.
178246. *LASIOCHLOA LONGIFOLIA* (Schult.) Kunth. Poaceae.
178247. *LOTONONIS* sp. Fabaceae.
- 178248 to 178251. *PANICUM COLORATUM* L. Poaceae.
178248. No. 1. 178250. No. 3.
178249. No. 2. 178251. No. 4.
- 178252 to 178256. *PANICUM MAXIMUM* Jacq. Guinea grass.
178252. No. 1. 178255. No. 4.
178253. No. 2. 178256. No. 5.
178254. No. 3.
178257. *PANICUM STAFFIANUM* Fourc.
178258. *PENNISETUM CILIARE* (L.) Link. Poaceae.
178259. *PENNISETUM* sp.
178260. *PENTASCHISTIS* sp. Poaceae.
178261. *PENTASCHISTIS* sp.
178262. *PENTASCHISTIS* sp.
178263. *PENTASCHISTIS* sp.
178264. *PENTASCHISTIS* sp.
178265. *PENTASCHISTIS THUNBERGII* Stapf.
178266. *PLAGIOCHLOA OBLITERA* (Hemsl.) Sprague. Poaceae.
178267. *SETARIA* sp. Poaceae.
- 178268 to 178270. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf. Poaceae.
178268. No. 1.
178269. No. 2.
178270. No. 3.
178271. *SPOROBOLUS* sp. Poaceae.
178272. *SPOROBOLUS* sp.
178273. *SPOROBOLUS MARGINATUS* Hochst.
178274. *TRICHOAENA MONACHNE* (Trin.) Stapf & Hubb. Poaceae.
178275. *UROCHLOA BOLBODES* (Steud.) Stapf. Poaceae.
178276. *UROCHLOA RHODESIENSIS* Stent.
178277. *UROCHLOA* sp.
178278. *UROCHLOA* sp.

**178279 to 178485.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 29, 1949.

Collected in 1948.

**178279.** *GOSSYPIMUM*. Malvaceae.

**Cotton.**

No. 10102. Halvent, Besiri, Siirt.

**178280 and 178281.** *HORDEUM DISTICHON* L. Poaceae.

**Barley.**

178280. No. 4448. *Akcakale*. Diyarbakir, Diyarbakir.

178281. No. 4450. Malatya, Diyarbakir.

**178282 and 178283.** *HORDEUM VULGARE* L.

178282. No. 4474. Baliklidere, Susurluk, Balikesir.

178283. No. 4475. Elce, Bor, Konya.

**178284.** *HORDEUM DISTICHON* L.

No. 4483. Serbansah, Civril, Izmir.

**178285 and 178286.** *HORDEUM VULGARE* L.

178285. No. 4484. *Siha*. Ayas, Yumurtalik, Seyhan. Aug. 8.

178286. No. 4487. *Siha*. Erzincan, Seyhan.

**178287 to 178303.** From Yuksek Agricultural Institute, Ankara, Ankara. July 28.

**178287 to 178298.** *HORDEUM DISTICHON* L.

Seeds originally collected from Provinces listed.

178287. No. 4569. Kayseri. 178293. No. 4575. Erzincan.

178288. No. 4570. Denizli. 178294. No. 4576. Ayfon.

178289. No. 4571. Mus. 178295. No. 4577. Izmir.

178290. No. 4572. Coruh. 178296. No. 4592. Denizli.

178291. No. 4573. Coruh. 178297. No. 4593. Denizli.

178292. No. 4574. Erzincan. 178298. No. 4594. Diyarbakir.

**178299 to 178303.** *HORDEUM VULGARE* L.

Seeds originally collected from Provinces listed.

178299. No. 4619. Antalya. 178302. No. 4625. Burdur.

178300. No. 4620. Kizilirmak. 178303. No. 4626. Seyhan.

178301. No. 4624. Canakkale.

**178304.** *HORDEUM DISTICHON* L.

No. 4910. *Egitman*. Sarikoy, Amasya. Aug. 8.

**178305.** *HORDEUM VULGARE* L.

No. 4911. Merzifon, Amasya. Six-rowed type.

**178306 to 178311.** *HORDEUM DISTICHON* L.

178306. No. 4939. Ovasaray, Corum. Aug. 2.

178307. No. 4940. *Ziraat*. Kalecik, Alaca, Corum.

178308. No. 4944. Besiktepe, Alaca.

178309. No. 4978. Yozgat, Yozgat. Aug. 3.

178310. No. 4992. Akdogan, Kizilcahamam, Ankara. Aug. 21. Two-paired-rows type.

178311. No. 4995. *Tek*. Cestepe, Kizilcahamam.



**178279 to 178485—Continued****178312 to 178316. HORDEUM VULGARE L.**

178312. No. 5052. Susurluk, Balikesir. Aug. 23.

178313. No. 5121. Taskin Ciftligi, Malkara, Tekirdag. Aug. 26. Six-rowed type.

178314. No. 5122. Balabancik, Malkara. Four-rowed type.

178315. No. 5178. Bayraktar, Kocaeli. Sept. 2. Six-rowed type.

178316. No. 5182. Malaklar, Kandira, Kocaeli. Four-rowed type.

**178317 and 178318. HORDEUM DISTICHON L.**178317. No. 5222. *Topuz*. Akcacam, Sinop. Sept. 2.178318. No. 5223. *Yassi*. Sazli, Sinop.**178319 to 178324. HORDEUM VULGARE L.**

From Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13.

178319. No. 5312. Station No. 6514.

178320. No. 5313. Station No. 160.

178321. No. 5314. Station No. 7802.

178322. No. 5315. Station No. 8004.

178323. No. 5317. Station No. 6507.

178324. No. 5319. Station No. 6510.

**178325 and 178326. HORDEUM DISTICHON L.**

178325. No. 5321. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13. Station No. 7860.

178326. No. 5344. Yozgat, Yozgat. Sept. 15.

**178327 and 178328. HORDEUM VULGARE L.**

178327. No. 5353. Silivri, Istanbul. Sept. 20.

178328. No. 5372. Kirilagtan, Boyabat, Sinop. Sept. 25.

**178329. HORDEUM DISTICHON L.**

No. 5387. Kasimlar, Zonguldak. Sept. 25.

**178330 to 178335. HORDEUM VULGARE L.**

178330. No. 5425. Turkgucu, Corlu, Tekirdag. Sept. 27.

178331. No. 5426. Musellum, Tekirdag.

178332. No. 5427. Bakirca, Corlu, Tekirdag.

178333. No. 5437. Asagi Sevindik, Corlu, Tekirdag.

178334. No. 5457. Debleki, Bandirma, Balikesir. Sept. 30.

178335. No. 5478. Manyas, Balikesir.

**178336 and 178337. HORDEUM DISTICHON L.**

178336. No. 5482. Sirke, Taskopru, Kastamonu. Oct. 6.

178337. No. 5493. Sapaca, Tosya, Kastamonu. June 20. Grown in nearby valley. Six-rowed type.

**178338. HORDEUM VULGARE L.**No. 5495. *Topuz*. Tosya, Kastamonu. Oct. 6.**178339 to 178344. HORDEUM DISTICHON L.**

178339. No. 5510. Kanliabat, Devrekani, Kastamonu.

178340. No. 5525. Suzey, Arac, Kastamonu. Two-rowed type.

178341. No. 5528. Gemi, Arac.

178342. No. 5535. Talipler, Kastamonu. Four-rowed type.

**178279 to 178485—Continued****178339 to 178344—Continued**

178343. No. 5540. Cermik, Diyarbakir. Oct. 8.

178344. No. 5549. Bara, Bursa.

**178345. HORDEUM VULGARE L.**

No. 5678. Hirsamengenler, Bafra, Samsun. Oct. 11. Six-rowed type.

**178346 to 178348. HORDEUM DISTICHON L.**178346. No. 5555. *Peygamber*. Turan, Bursa. Oct. 8. Smooth-awned type.

178347. No. 5580. Candar, Kalecik, Ankara. Oct. 9.

178348. No. 5594. Yaslimizar, Suruc, Urfa.

**178349 to 178352. HORDEUM VULGARE L.**

178349. No. 5644. Yukari Gerfi, Terme, Samsun. Oct. 11. Common in vicinity of Karadeniz, Samsun.

178350. No. 5647. *Kelan Dili*. Kavak, Samsun.

178351. No. 5649. Belanan, Kavak, Samsun. Six-rowed type.

178352. No. 5654. Ladik, Samsun. Six-rowed type.

**178353. TRITICUM MONOCOCCUM L. Poaceae.**

No. 5661. Hasirca, Ladik.

**178354. HORDEUM DISTICHON L. Poaceae.****Barley.**

No. 5610. Suruc, Urfa. Four-rowed type.

**178355 and 178356. HORDEUM VULGARE L.**

178355. No. 5737. Ayvacik, Canakkale. Oct. 18.

178356. No. 5744. Ayvacik.

**178357 and 178358. HORDEUM DISTICHON L.**

178357. No. 5833. Purut, Kagizman, Kars. Oct. 20. Two-rowed type.

178358. No. 5845. *Susuz*. Koz, Kagizman. Spring type.**178359 to 178361. HORDEUM VULGARE L.**

178359. No. 5823. Sarkoy, Tekirdag. Oct. 18.

178360. No. 5903. Baltan Ciftligi, Yalova, Istanbul. Oct. 22.

178361. No. 5949. Biga, Canakkale. Oct. 23.

**178362 to 178364. HORDEUM DISTICHON L.**

178362. No. 6018. Semsik, Urfa. White type.

178363. No. 6069. Urfa. Two-rowed type.

178364. No. 6070. Urfa. Four-rowed type.

**178365 to 178368. HORDEUM VULGARE L.**

178365. No. 6076. Tepecik Siftligi, Salihli, Manisa. Oct. 19.

178366. No. 6088. Yesilova, Salihli, Manisa.

178367. No. 6109. Leyis, Niksar, Tokat. Oct. 27. Two-rowed type.

178368. No. 6202. Misis, Seyhan. Nov. 10.

**178369 to 178371. HORDEUM DISTICHON L.**

178369. No. 6203. Mursitpinar, Diyarbakir.

178370. No. 6206. Sun, Elazig, Elazig.

178371. No. 6210. *Siha*. Amik plain, Seyhan.**178372. AVENA sp. Poaceae.****Oats.**No. 6213. *Siha*. Erzincan, Seyhan.

## 178279 to 178485—Continued

178373 to 178375. *HORDEUM VULGARE* L. Poaceae.

Barley.

178373. No. 6215. *Siha*. Mersin, Ceyhan, Seyhan.178374. No. 6217. *Siha*. Ceyhan. Nov. 10.178375. No. 6218. *Siha*. Kadirli, Seyhan.178376 to 178378. *HORDEUM DISTICHON* L.

178376. No. 6220. Birecik, Mursitpinar, Diyarbakir.

178377. No. 6223. Civril, Izmir.

178378. No. 6230. *Peygamber*. Sukurali, Akcakale, Diyarbakir.178379 and 178380. *HORDEUM VULGARE* L.

178379. No. 6232. Karabiga, Istanbul.

178380. No. 6233. *Siha*. Kozan, Seyhan. Nov. 10.178381. *HORDEUM DISTICHON* L.

No. 6234. Girmuzan, Derbesiye, Diyarbakir.

178382. *HORDEUM VULGARE* L.

No. 6255. Sapatan, Semdinli, Hakari.

178383. *TRITICUM* sp. Poaceae.

No. 6256. Fakiyan, Semdinli. Winter type.

178384. *HORDEUM VULGARE* L. Poaceae.

No. 6278. Hinanis, Hakari.

178385. *HORDEUM* sp.

No. 6279. Hinanis, Hakari. Spring type.

178386. *HORDEUM* sp.

No. 6280. Hinanis, Hakari.

178387. *HORDEUM DISTICHON* L.

No. 6317. Cukurca, Hakari.

178388 to 178390. *HORDEUM VULGARE* L.

178388. No. 6331. Yuksekova, Hakari.

178389. No. 6340. Piyanis, Hakari.

178390. No. 6353. Piyanis, Hakari.

178391 to 178398. *HORDEUM DISTICHON* L.

From the Seed Improvement Station, Ankara, Ankara. All selections from *Tokak* × *Hanna* cross made in 1936.

178391. No. 6369. Station No. M 0161/44.

178392. No. 6370. Station No. M 0141/44.

178393. No. 6371. Station No. M 0159/44.

178394. No. 6372. Station No. M 0137/44.

178395. No. 6374. Station No. M 0160/44.

178396. No. 6375. Station No. M 0147/44.

178397. No. 6376. Station No. M 0138/44.

178398. No. 6420-A. Station No. M 0142/44.

178399. *HORDEUM VULGARE* L.

No. 6351. Piyanis, Hakari. Spring type.

178400 and 178401. *HORDEUM DISTICHON* L.

178400. No. 7552. Seed warehouse, Igdir, Kars. Aug. 19. Mixed sample.

178401. No. 7555. Seed warehouse, Igdir, Kars. Aug. 19.

**178279 to 178485—Continued****178402. HORDEUM VULGARE L.**

No. 7560. Seed warehouse, Igdir, Kars. Aug. 19.

**178403 to 178410. HORDEUM DISTICHON L.**

178403. No. 7633. Diyadin, Agri. Aug. 20.

178404. No. 7666. Kupkiran, Karakose, Agri. Aug. 21.

178405. No. 7668. Dambat, Karakose.

178406. No. 7689. Patnos, Agri. White type.

178407. No. 7889. Kasrik, Gulpinar, Van. Aug. 26.

178408. No. 8325. Grain market, Suruc, Urfa. Sept. 9.

178409. No. 8345. Grain market, Birecik, Urfa.

178410. No. 8378. Market, Nizip, Gaziantep. Two-rowed type.

**178411. HORDEUM VULGARE L.**

No. 8686. Percesic, Elazig. Sept. 15. Six-rowed type.

**178412 and 178413. HORDEUM DISTICHON L.**

178412. No. 8711. Tepe, Karakocan, Elazig.

178413. No. 8817. Director of Agriculture, Kalan, Tunceli. Originally from Hozat, Tunceli.

**178414. HORDEUM VULGARE L.**

No. 8819. Director of Agriculture, Kalan, Tunceli.

**178415. HORDEUM DISTICHON L.**

No. 8832. Nazimiye, Tunceli.

**178416. HORDEUM VULGARE L.**

No. 8862. Seed dealer, Erzincan, Erzincan. Sept. 17.

**178417 to 178419. HORDEUM DISTICHON L.**

178417. No. 8915. Grain market, Erzincan, Erzincan. Originally from village of Pizvan, Erzincan.

178418. No. 8920. Asapalanga, Erzincan. Two-rowed type.

178419. No. 8933. Ula, Erzincan. On wall in village street.

**178420. HORDEUM VULGARE L.**

No. 8935. Nurkah, Erzincan. Sept. 17. Six-rowed type.

**178421 to 178442. HORDEUM DISTICHON L.**

178421. No. 8938. *Tokak*. Erzincan, Erzincan. Originally from Ankara Seed Improvement Station, Ankara, Ankara.

178422. No. 8963. General store, Susehri, Sivas. Sept. 18.

178423. No. 8986. Seed dealer, Sivas, Sivas.

178424. No. 9004. Grain market, Sivas, Sivas. Originally from Emir, Hafik, Sivas. Spring type.

178425. No. 9007. Horsana, Hafik, Sivas. Winter type.

178426. No. 9009. Ulas, Sivas. Spring type.

178427. No. 9030. Karacaoren, Corum. Sept. 20.

178428. No. 9031. Alaca, Corum.

178429. No. 9086. Director of Agriculture, Corum, Corum. Black type.

178430. No. 9087. Director of Agriculture, Corum, Corum.

178431. No. 9105. Market, Kayseri, Kayseri. Sept. 21.

178432. No. 9207. Urgup, Kayseri. Sept. 22. Local type.

**178279 to 178485—Continued****178421 to 178442—Continued**

178433. No. 9273. Grain market, Ereyli, Konya. Sept. 23.  
178434. No. 9296. Market, Konya, Konya.  
178435. No. 9360. Karahoyuk, Kayseri. Sept. 21.  
178436. No. 9407. Seed dealer, Ayfon, Ayfon.  
178437. No. 9490. Seed dealer, Kutahya, Kutahya. Sept. 25.  
178438. No. 9514. Ciftligi Harasi, 52 km. east of Eskisehir, Eskisehir. Sept. 26.  
178439. No. 9532. Market, Bilecik, Urfa.  
178440. No. 9552. Grain market, Eskisehir, Eskisehir. Sept. 27.  
178441. No. 9557. Grain market, Eskisehir, Eskisehir. Sept. 27. Black type.  
178442. No. 9589. *Sakiz*. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Awnless selection.  
178443 to 188447. From the Eskisehir Seed Improvement Station, Eskisehir, Eskisehir.

**178443. HORDEUM VULGARE L.**

No. 9601. Six-rowed type.

**178444. HORDEUM sp.**

No. 9614. Canadian two-rowed type; awnless.

**178445 and 178446. HORDEUM DISTICHON L.**

178445. No. 9616. Seeds large.

178446. No. 9621. *Guzak No. 24*.

**178447. HORDEUM VULGARE L.**

No. 9630. *Topuz*. Six-rowed type.

**178448 to 178455. HORDEUM DISTICHON L.**

178448. No. 9635. Market, Sivrihisar, Eskisehir. Originally from village of Kinik, Eskisehir.

178449. No. 9636. Market, Sivrihisar. Originally from Dinek, Eskisehir.

178450. No. 9706. Cankiri, Cankiri. Sept. 28. Two-rowed type.

178451. No. 9712. Kalecik, Ankara.

178452. No. 9782. Originally from seed dealer, Damascus, Syria. Oct. 20.

178453. No. 9852. Originally from Main Experiment Station, Baghdad, Iraq. Oct. 30. Six-rowed type.

178454. No. 10128. Everek, Van. Winter type.

178455. No. 10134. Yadirgar, Van.

**178456 and 178457. HORDEUM VULGARE L.**

178456. No. 10155. Orhangazi, Bursa. Six-rowed type.

178457. No. 10163. Eceabat, Canakkale.

**178458. HORDEUM DISTICHON L.**

No. 10177. Egil, Diyarbakir.

**178459. HORDEUM VULGARE L.**

No. 10202. Palas, Kirklareli.

**178460 to 178462. HORDEUM DISTICHON L.**

178460. No. 10246. Bayram, Sebinkarahisar, Giresun. Two-rowed winter type.

**178279 to 178485—Continued****178460 to 178462—Continued**

178461. No. 10327. Askale, Erzurum. Sept. 2.

178462. No. 10332. Askale.

**178463 and 178464. HORDEUM VULGARE L.**

178463. No. 10351. Umurbey, Gemlik, Bursa. Four-rowed type.

178464. No. 10359. Gencali, Gemlik, Bursa. Six-rowed type.

**178465 to 178485. AVENA SATIVA L. Poaceae.****Common oats.**

178465. No. 4503. Hayrabolu, Tekirdag. July 20.

178466 to 178471. From the Yuksek Agricultural Institute, Ankara, Ankara. July 28.

178466. No. 4686.

178469. No. 4695.

178467. No. 4687.

178470. No. 4696.

178468. No. 4694.

178471. No. 4697.

178472. No. 5054. Susurluk, Balikesir. Aug. 23.

178473. No. 5123. Malkara, Tekirdag. Aug. 26.

178474. No. 5185. Balci, Kandira, Kocaeli. July 23.

178475. No. 5552. Kite, Bursa. Oct. 8. Double type.

178476. No. 5652. Cariklibasi, Kavak, Samsun. Oct. 11.

178477. No. 5667. Yukari Danurlu, Carsamba, Samsun.

178478. No. 5872. Tekirdag, Tekirdag. Oct. 22.

178479. No. 5895. Baltaci Ciftligi, Yalova, Istanbul.

178480. No. 5906. Altinova, Ayvalik, Balikesir.

178481. No. 5910. Araplar, Ayvalik.

178482. No. 5922. Araplar, Ayvalik.

178483. No. 10342. Polatli, Ankara.

178484. No. 10354. Umurbey, Gemlik, Bursa.

178485. No. 10369. Gencali, Gemlik, Bursa.

**178486. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Guatemala. Seeds presented by an unknown donor. Received Mar. 29, 1949.

**178487 to 178541. SECALE CEREALE L. Poaceae.****Rye.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 29, 1948.

Collected in 1948.

178487. No. 4523. Cikirikci, Hayrabolu, Tekirdag. July 20. Black type.

178488 to 178527. From the Yuksek Agricultural Institute, Ankara, Ankara. July 28.

178488 to 178507. Seeds originally collected from sources listed.

178488. No. 4701. Bitlis Province.

178491. No. 4710. Tokat Province.

178489. No. 4702. Bilecik Province.

178492. No. 4714. Tokat Province.

178490. No. 4704. Aydin Province.

178493. No. 4715. Silivri, Istanbul.

**178487 to 178541—Continued****178488 to 178527—Continued****178488 to 178507—Continued**

178494. No. 4717. Maras Province.	178501. No. 4725. Fethiye, Mugla.
178495. No. 4718. Maras Province.	178502. No. 4726. Vezirkopru, Samsun.
178496. No. 4720. Geyve, Kocaeli.	178503. No. 4727. Vezirkopru, Samsun.
178497. No. 4721. Amasya Province.	178504. No. 4728. Yakayakuplar, Samsun.
178498. No. 4722. Bayburt, Gumusane.	178505. No. 4729. Devrek, Zonguldak.
178499. No. 4723. Sile, Istanbul.	178506. No. 4730. Giresum, Giresum.
178500. No. 4724. Canakkale Province.	178507. No. 4731. Emet, Kutahya.

**178508 to 178527. (No data.)**

178508. No. 4746.	178518. No. 4778.
178509. No. 4747.	178519. No. 4779.
178510. No. 4748.	178520. No. 4785.
178511. No. 4752.	178521. No. 4787.
178512. No. 4753.	178522. No. 4792.
178513. No. 4755.	178523. No. 4793.
178514. No. 4758.	178524. No. 4795.
178515. No. 4765.	178525. No. 4796.
178516. No. 4772.	178526. No. 4799.
178517. No. 4775.	178527. No. 4800.

178528. No. 5660. Deliahmetoglu, Ladik, Samsun. Oct. 11.

178529. No. 5825. Arapli, Sarkoy, Tekirdag. Oct. 21.

178530. No. 5843. Kozlu, Kagizman, Kars. Oct. 9. Winter type.

178531. No. 5876. Tekirdag, Tekirdag.

178532 to 178539. From the Erzurum Seed Improvement Station, Erzurum.

178532. No. 10045. Origin No. 59/1.
178533. No. 10046. Origin No. 67/1.
178534. No. 10047. Origin No. 58/2.
178535. No. 10048. Origin No. 57/3.
178536. No. 10049. Origin No. 78/4.
178537. No. 10050. Origin No. 67/3.
178538. No. 10051. Origin No. 54/3.
178539. No. 10052. Origin No. 69/3.

178540. No. 10129. Ozalp, Van.

178541. No. 10336. Polatli, Ankara.

**178542 to 178554. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by Jean Tissier, Marcigny. Received Mar. 30, 1949.

178542. *Ravat 8.*178544. *Ravat 11.*178543. *Ravat 13.*178545. *Ravat 15.*

**178542 to 178554—Continued**

- |                           |                              |
|---------------------------|------------------------------|
| 178546. <i>Ravat 16.</i>  | 178551. <i>Burdin 4601.</i>  |
| 178547. <i>Ravat 51.</i>  | 178552. <i>Seibel 5474.</i>  |
| 178548. <i>Ravat 253.</i> | 178553. <i>Seibel 10096.</i> |
| 178549. <i>Ravat 262.</i> | 178554. <i>Seibel 8616.</i>  |
| 178550. <i>Ravat 327.</i> |                              |

**178555 to 178807.**

From Turkey, Syria, and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 30, 1949.

Collected in 1948. From Turkey, unless otherwise indicated.

**178555 to 178557.** HORDEUM VULGARE L. Poaceae.

**Barley.**

178555. No. 4508. Karaburcek, Hayrabolu, Tekirdag. July 20.  
 178556. No. 4513. Hayrabolu, Tekirdag. Six-rowed type.  
 178557. No. 4539. Ada, Mustafa Kemalpaşa, Bursa. July 20. Six-rowed type.

**178558.** TRITICUM MONOCOCCUM L. Poaceae.

No. 2. 4558. Mustafa Kemalpaşa, Bursa. Four-rowed type.

**178559 to 178622.** From Yuksek Agricultural Institute, Aakara, Ankara. July 28.

**178559 to 178595.** HORDEUM DISTICHON L. Poaceae.

**Barley.**

Seeds originally from Provinces listed.

178559. No. 4566. No. I/1. Gumusane.  
 178560. No. 4567. No. I/3. Eskisehir.  
 178561. No. 4568. No. I/13. Sivas.  
 178562. No. 4578. No. I/14. Mus.  
 178563. No. 4579. No. I/15. Kirsehir.  
 178564. No. 4580. No. I/15. Kirsehir.  
 178565. No. 4581. No. I/17. Sinop.  
 178566. No. 4582. No. I/18. Ayfon.  
 178567. No. 4583. No. I/19. Ayfon.  
 178568. No. 4584. No. I/20. Antalya.  
 178569. No. 4585. No. I/21. Isparta.  
 178570. No. 4586. No. I/22. Isparta.  
 178571. No. 4587. No. I/23. Bitlis.  
 178572. No. 4588. No. I/23. Bitlis.  
 178573. No. 4589. No. I/24. Cankiri.  
 178574. No. 4590. No. I/25. Bilecik.  
 178575. No. 4591. No. I/26. Konya.  
 178576. No. 4595. No. I/30.  
 178577. No. 4596. No. I/31.  
 178578. No. 4597. No. I/32.  
 178579. No. 4598. No. I/33.  
 178580. No. 4599. No. I/34.  
 178581. No. 4600. No. I/35. Eskisehir.  
 178582. No. 4601. No. I/36. Eskisehir.



**178555 to 178807—Continued****178559 to 178622—Continued****178559 to 178595—Continued**

178583. No. 4602. No. I/37.  
 178584. No. 4603. No. I/38.  
 178585. No. 4604. No. I/39.  
 178586. No. 4605. No. I/40.  
 178587. No. 4606. No. I/41.  
 178588. No. 4607. No. I/42.  
 178589. No. 4608. No. I/43.  
 178590. No. 4609. No. I/44. Tokat.  
 178591. No. 4610. No. I/45.  
 178592. No. 4611. No. I/46. Kastamonu.  
 178593. No. 4612. No. I/47. Tokat.  
 178594. No. 4613. No. I/48. Malatya.  
 178595. No. 4614. No. I/49. Yozgat.

**178596 and 178597. HORDEUM VULGARE L.**

178596. No. 4615. No. I/50. Originally from Kastamonu Province.  
 178597. No. 4616. No. I/52. Originally from Seyhan Province.

**178598. HORDEUM DISTICHON L.**

- No. 4617. No. I/53. Originally from Mus Province.

**178599 to 178601. HORDEUM VULGARE L.**

178599. No. 4618. No. I/54.  
 178600. No. 4621. No. II/3. Originally from Kırklareli Province.  
 178601. No. 4622. No. II/4. Originally Istanbul Province.

**178602. HORDEUM DISTICHON L.**

- No. 4623. No. II/5. Originally from Istanbul Province.

**178603 to 178622. HORDEUM VULGARE L.**

Originally from Provinces indicated.

178603. No. 4627. No. II/9.  
 178604. No. 4628. No. II/10. Bursa.  
 178605. No. 4629. No. II/11. Maras.  
 178606. No. 4630. No. II/12. Tokat.  
 178607. No. 4631. No. II/13. Hakari.  
 178608. No. 4632. No. II/14. Amasya.  
 178609. No. 4633. No. II/15. Amasya.  
 178610. No. 4634. No. II/16.  
 178611. No. 4635. No. II/17.  
 178612. No. 4636. No. II/18. Istanbul.  
 178613. No. 4637. No. II/19. Istanbul.  
 178614. No. 4638. No. II/20.  
 178615. No. 4639. No. II/21. Istanbul.  
 178616. No. 4640. No. II/22.

## 178555 to 178807—Continued

## 178559 to 178622—Continued

## 178603 to 178622—Continued

178617. No. 4641. No. II/23.  
 178618. No. 4642. No. II/24. Istanbul.  
 178619. No. 4643. No. II/25. Ankara.  
 178620. No. 4644. No. II/26. Izmir.  
 178621. No. 4645. No. II/27. Izmir.  
 178622. No. 4646. No. II/28. July 28.

## 178623. HORDEUM DISTICHON L.

No. 5018. Yazikoy, Safranbolu, Zonguldak. Aug. 23.

## 178624 to 178626. HORDEUM VULGARE L.

178624. No. 5200. Altinova, Karamursel, Kocaeli. Six-rowed type.  
 178625. No. 5722. Pasakoy, Ayvacik, Canakkale. Oct. 18.  
 178626. No. 5730. Pasakoy, Ayvacik, Canakkale. Oct. 18.

## 178627. HORDEUM DISTICHON L.

No. 5846. Kizilveren, Kagizman, Kars. Oct. 22. Spring type.

## 178628 to 178632. HORDEUM VULGARE L.

178628. No. 5873. Tekirdag Province.

## 178629 to 178632. Ayvalik, Balikesir.

178629. No. 5908. Kucuk. 178631. No. 5929. Araplar.  
 Oct. 18. 178632. No. 5930. Altinova.  
 178630. No. 5925. Altinova.

## 178633 and 178634. HORDEUM DISTICHON L.

178633. No. 5997. Tileyli, Urfa. Black type.  
 178634. No. 9836. Main Experiment Station, western Baghdad, Iraq. Oct. 18. Originally from Sulaymaniya in northern Iraq. Two-rowed type.

## 178635 to 178640. HORDEUM VULGARE L.

- From the Main Experiment Station, western Baghdad, Iraq. Oct. 18.  
 178635. No. 9838. *Mariout*. Introduced from California.  
 178636. No. 9840. Two-rowed type.  
 178637. No. 9841. Six-rowed type.  
 178638. No. 9842. Hulless type from southern Iraq.  
 178639. No. 9847. *Trabout*. Introduced from Australia.  
 178640. No. 9860.

## 178641 to 178643. HORDEUM DISTICHON L.

178641. No. 10094. Zercil, Besiri, Siirt. Local type.  
 178642. No. 10229. Diyarbakir, Diyarbakir.  
 178643. No. 10338. Polatli, Ankara.

## 178644. HORDEUM VULGARE L.

No. 10380. Kurtul, Gemlik, Bursa. Four-rowed type.

## 178645 to 178807. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

178645. No. 4507. Hayrabolu, Tekirdag. July 20. Hard type.  
 178646. No. 4533. *Kancine*. Mustafa Kemalpasa, Bursa. July 20.

## 178555 to 178807—Continued

## 178645 to 178807—Continued

178647. No. 4552. *Akova*. Mustafa Kemelpasa.  
 178648. No. 4559. Mustafa Kemalpasa. Heads yellow.  
 178649. No. 5045. *Koze*. Susurluk, Balikesir. Aug. 23.  
 178650. No. 5109. *Hacimestan*. Taskin Ciftligi, Malkara, Tekirdag. Hard.  
 178651. No. 5129. *Kaplica*. Malkara, Tekirdag. Aug. 26. Local type.  
 178652. No. 5180. *Kupeli*. Orhan Mahallesi, Kocaeli. Sept. 2.  
 178653. No. 5191. *Akbas*. Balci, Kandira, Kocaeli.  
 178654. No. 5204. Kaytakdere, Karamursel, Kocaeli.  
 178655 to 178658. Ayvacik, Canakkale. Oct. 18.  
     178655. No. 5745. Saidiye.      178657. No. 5747. Kocakoy.  
     178656. No. 5746. Behran.      178658. No. 5748. Ilyasfaki.  
 178659. No. 5850. *Kirik*. Ortakoy, Kagizman, Kars. Aug. 20. Dryland type.  
 178660. No. 5852. Kozlu, Kagizman, Kars. Soft; spring type.  
 178661. No. 5854. Kizilveren, Kagizman. Red; spring type.  
 178662. No. 5856. Karakos, Kagizman. Soft; spring type.  
 178663 to 178667. Sarkoy, Tekirdag. Oct. 21.  
     178663. No. 5861. Head yellow.      178666. No. 5864. *Sunter*.  
     178664. No. 5862. *Kose*.      178667. No. 5865. Kizilca Terzi.  
     178665. No. 5863. *Kunduz*.  
 178668. No. 5868. Tekirdag, Tekirdag. Oct. 22.  
 178669. No. 5888. Baltaci Ciftligi, Yalova, Istanbul.  
 178670. No. 5941. Altinova, Ayvalik, Balikesir. Oct. 22.  
 178671. No. 5942. Araplar, Ayvalik.  
 178672 to 178685. From Urfa Province. Oct. 23.  
     178672. No. 5986. Village of Sirin. Caryopsis red.  
     178673. No. 5988. *Purcuklu*. Mecrihan Bucagi. Caryopsis white.  
     178674. No. 5989. *Beledi*. Sirin. Caryopsis white.  
     178675. No. 5991. Sumatar Bucagi. Caryopsis white.  
     178676. No. 5995. *Biyadiye*. Kazene. Caryopsis white.  
     178677. No. 6001. *Beledi*. Karuklu, Akcakale. Caryopsis red.  
     178678. No. 6002. *Sihanli*. Tibagdat, Akcakale. Caryopsis red.  
     178679. No. 6010. *Misri*. Sumatar Bucagi.  
     178680. No. 6011. *Kazene*. Grain hard.  
     178681. No. 6012. *Misri*. Mecrihan.  
     178682. No. 6013. *Kose*. Caryopsis red.  
     178683. No. 6014. Sumatar Bucagi. Black-bearded.  
     178684. No. 6016. *Samsati*. Payamli Bucagi. Caryopsis white.  
     178685. No. 6019. Karakopru.  
 178686. No. 6099. *Istanbul*. Restahasan, Niksar, Tokat. Oct. 27.  
 178687. No. 6105. *Dimeuit*. Leyis, Niksar, Tokat.

**178555 to 178807—Continued****178645 to 178807—Continued**

178688 to 178742. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Winter type.

178688. No. 6389. 166/4.	178716. No. 6464. 139/1.
178689. No. 6391. 184/5.	178717. No. 6465. 143/3.
178690. No. 6392. 182/4.	178718. No. 6466. 174/5.
178691. No. 6393. 168/6.	178719. No. 6467. 153/2.
178692. No. 6398. 182/3.	178720. No. 6468. 178/5.
178693. No. 6404. 169/1.	178721. No. 6469. 139/2.
178694. No. 6428. 146/6.	178722. No. 6470. 163/10.
178695. No. 6431. 145/2.	178723. No. 6471. 142/6.
178696. No. 6432. 156/5.	178724. No. 6472. 194/5.
178697. No. 6433. 140/3.	178725. No. 6473. 188/1.
178698. No. 6434. 160/7.	178726. No. 6476. 193/5.
178699. No. 6435. 190/5.	178727. No. 6477. 151/4.
178700. No. 6436. 142/7.	178728. No. 6478. 194/2.
178701. No. 6440. 149/6.	178729. No. 6480. 161/6.
178702. No. 6441. 185/3.	178730. No. 6481. 171/7.
178703. No. 6443-A. 177/2.	178731. No. 6482. 150/8.
178704. No. 6444. 163/6.	178732. No. 6483. 144/3.
178705. No. 6445. 175/2.	178733. No. 6484. 161/7.
178706. No. 6446. 196/4.	178734. No. 6485. 140/2.
178707. No. 6447. 155/15.	178735. No. 6486. 151/6.
178708. No. 6448. 138/8.	178736. No. 6487. 149/2.
178709. No. 6449. 191/2.	178737. No. 6488. 165/6.
178710. No. 6452. 174/2.	178738. No. 6489. 140/1.
178711. No. 6453. 143/2.	178739. No. 6490. 172/2.
178712. No. 6454. 159/2.	178740. No. 6491. 141/2.
178713. No. 6456. 142/5.	178741. No. 6492. 156/6.
178714. No. 6459. 173/1.	178742. No. 6493. 179/7.
178715. No. 6460. 143/4.	

178743 to 178749. From Erzurum Seed Improvement Station, Erzurum, Erzurum. Spring type.

Seeds originally collected from sources listed.

178743. No. 6494. <i>Dubli Basak</i> . No. 57/44.
178744. No. 6495. <i>Akbasak</i> . No. 56/44. Seed Improvement Station.
178745. No. 6496. <i>Bintane</i> . No. 15/45. Adapazari Seed Improvement Station.
178746. No. 6497. No. 53/44. Yesilkoy Seed Improvement Station. Seed white.
178747. No. 6498. No. 55/44. Ankara Seed Improvement Station.
178748. No. 6499. No. 54/44. Ankara Seed Improvement Station.
178749. No. 6500. No. 44/44. Yesilkoy Seed Improvement Station. Black-bearded type.

178750. No. 9735. Arnet, near Damascus, Syria. Oct. 17.

**178555 to 178807—Continued****178645 to 178807—Continued**

178751. No 9736. Arnet, near Damascus, Syria. Oct. 17.

178752 to 178758. From the Main Experiment Station in western Baghdad, Iraq. Oct. 30.

178752. No. 9834. *Hamra*.

178753. No. 9835. *Ridhamiya*. Originally from Sulaymaniya in northern Iraq.

178754. No. 9839. *Maniya*. Originally from Mosul.

178755. No. 9844. *Husainiya*.

178756. No. 9845. *Hamaira*. Originally from Kirkuk.

178757. No. 9846. *Wasaila*. Beardless type.

178758. No. 9848. *Soragol*.

178759. No. 9861. *Iragi*. Market, Baghdad, Iraq.

178760. No. 9862. *Kirdish*. Grown in mountains near Baghdad.

178761. No. 9863. *Agyba No. 2*. Baghdad.

178762. No. 9865. *Agyba No. 1*. Baghdad.

178763. No. 9850. *Khashna*. Baghdad Experiment Station, Baghdad.

178764 to 178782. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Winter types grown for the first yield test.

Originally from sources listed.

178764. No. 10013. No. 79/3. The Ankara Mucadele Institute. Hard type.

178765. No. 10014. No. 107. Yabancı type; soft type.

178766. No. 10015. No. 78/7. Ankara Mucadele Institute. Hard type.

178767 to 178781. Soft type.

178767. No. 10016. No. 62/2.

178768. No. 10017. No. 72/1. Ankara Seed Improvement Station.

178769. No. 10018. No. 98/2. *Agri*.

178770. No. 10019. No. 125. *Yabancı*.

178771. No. 10020. No. 99/2. *Yabancı*.

178772. No. 10021. No. 101/1. *Yabancı*.

178773. No. 10022. No. 102/1. *Yabancı*.

178774. No. 10023. No. 81/1. Ankara Mucadele Institute.

178775. No. 10024. No. 103/1. *Yabancı*.

178776. No. 10025. No. 92/7. *Yayla 305*.

178777. No. 10026. No. 73/1. Ankara Seed Improvement Station.

178778. No. 10027. No. 93/1. Eskisehir Seed Improvement Station.

178779. No. 10028. No. 127.

178780. No. 10029. No. 106/1. *Yabancı*.

178781. No. 10030. No. 100/1. *Agri*.

178782. No. 10031. No. 80/2. Ankara Mucadele Institute. Hard type.

178783 to 178787. From Besiri, Siirt.

178783. No. 10086. *Alican*. Geduk.

178784. No. 10087. *Ruto*. Geduk.

178785. No. 10088. *Bahara*. Kabin.

**178555 to 178807—Continued****178645 to 178807—Continued****178783 to 178787—Continued**178786. No. 10090. *Sora*. Zercil.178787. No. 10099. *Humra*. Geduk.

178788 to 178796. From Van Province.

178788. No. 10120. *Hevidik*. Iskele.178789. No. 10121. *Sihhe*. White type.178790. No. 10124. *Kirik*. Zeranıs.178791. No. 10131. *Seyh*. Zeranıs.178792. No. 10135. *Kirik*. Hacinof.178793. No. 10138. *Beleke*. Sivek.178794. No. 10139. *Hevidik*. Zeranıs.178795. No. 10140. *Marcarıs*.178796. No. 10141. *Behlul*. Caryopsis red.178797. No. 10170. *Cumhuriyet*. Orhangazi, Bursa

178798. No. 10230. Diyarbakır, Diyarbakır.

178799. No. 10242. *Topbas*. Bayramkoy, Sebinkarahisar, Giresun. Winter type.178800. No. 10248. *Kaplica*. Alisar, Sebinkarahisar.

178801. No. 10325. Askale, Erzurum. Sept. 20.

188802. No. 10326. Askale.

178803. No. 10337. *Kunduru*. Polatlı, Ankara. Normal hard type.

178804. No. 10341. Polatlı, Ankara. Normal soft type; caryopsis white.

178805. No. 10352. *Kose*. Umurbey, Bursa.178806. No. 10355. *Kaplica*. Gencali, Gemlik, Bursa.

178807. No. 10364. Kurtul, Gemlik, Bursa. Caryopsis yellow.

**178808. PRUNUS ARMENIACA L. Rosaceae.****Apricot.**

From California. Plant growing at the United States Plant Introduction Garden, Chico. Numbered Mar. 30, 1949.

Selection (J-6-1) from P. I. 121726.

**178809. BAMBUSA LONGISPICULATA Gamble. Poaceae.****Bamboo.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Mar. 30, 1949.

Originally grown from seeds received in 1931 from Forest Reserve Institute, Dehra Dun, United Provinces, India.

**178810 to 179144.**

From Turkey, Syria, and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 30, 1949.

Collected in 1948 from Turkey unless otherwise noted.

**178810. TRITICUM MONOCOCCUM var. AEGILOPOIDES Aschers. & Graebn. Poaceae.**

No. 9858. Erbil, Syria. Altitude 800 feet. Rainfall 36 to 40 inches.

**178811 to 178814. TRITICUM MONOCOCCUM L.**178811. No. 5532. *Siyez*. Arac, Kastamonu. Oct. 7.

## 178810 to 179144—Continued

## 178811 to 178814—Continued

178812. No. 5536. *Kaplica*; *Siyez*. Kavak, Kastamonu.178813. No. 5883. *Kaplica*. Tekirdag, Tekirdag. Oct. 22.178814. No. 5898. *Kaplica*. Laledere, Yalova, Istanbul.

## 178815 to 178818. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.

178815. No. 5033. Kanari, Safranbolu, Zonguldak. Aug. 23.

178816. No. 5448. Gokmen, Bandirma, Balikesir. Sept. 30.

178817. No. 9667. *Sultani*. Cankiri, Cankiri. Oct. 4.

178818. No. 9683. Cankiri, Cankiri. Oct. 4. Local type.

## 178819 and 178820. AEGILOPS OVATA L. Poaceae.

178819. No. 10280. Babaeski, Kirklareli.

178820. No. 10281. Babaeski.

## 178821 and 178822. AEGILOPS TRIARISTATA Willd.

178821. No. 10286. Eregli, Manyas, Balikesir. June 30.

178822. No. 10294. Karacabey, Harasi, Balikesir.

## 178823 and 178824. ALLIUM CEPA L. Liliaceae.

Onion.

178823. No. 9644. Market, Sivrihisar, Eskisehir. Sept. 29.

178824. No. 9694. *Bas*. Cankiri, Cankiri. Oct. 4.

## 178825 to 178827. ALLIUM PORRUM L.

Leek.

178825. No. 5034. Kanari, Safranbolu, Zonguldak. Aug. 23.

178826. No. 9660. Cankiri, Cankiri. Oct. 4.

178827. No. 9703. Cankiri, Cankiri. Oct. 4. Local type.

## 178828. ALLIUM SATIVUM L.

Garlic.

No. 9687. Cankiri, Cankiri. Oct. 4.

## 178829. PRUNUS AMYGDALUS Batsch. Rosaceae.

Almond.

No. 5060. Zir, Ankara. Aug. 22. Wild.

## 178830. APIUM GRAVEOLENS L. Apiaceae.

Celery.

No. 5037. Kanari, Safranbolu, Zonguldak. Aug. 23.

## 178831 to 178834. ANETHUM GRAVEOLENS L. Apiaceae.

Dill.

178831. No. 5627. Carsamba, Samsun. Oct. 11.

178832. No. 8846. Seed dealer, Erzincan. Sept. 17.

178833. No. 9684. Cankiri, Cankiri. Oct. 4.

178834. No. 9701. Cankiri, Cankiri.

## 178835. BETA LOMATOGONA Fisch. &amp; Mey. Chenopodiaceae.

No. 9586. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

## 178836 and 178837. BETA VULGARIS L.

Beet.

178836. No. 5591. Kalecik, Ankara. Oct. 9.

178837. No. 8870. *Pazi*. Seed dealer, Erzincan, Erzincan. Sept. 17.

## 178838 to 178840. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae.

Cabbage.

178838. No. 5112. Malkara, Tekirdag. Aug. 26. Local type.

178839. No. 9661. Cankiri, Cankiri. Oct. 4.

178840. No. 9675. Cankiri, Cankiri. Oct. 4.

## 178810 to 179144—Continued

178841. *BRASSICA NAPUS* L.**Rape.**

No. 5565. Yenisehir Cardak Hoyu, Bursa. Oct. 8.

178842. *BRASSICA* sp.No. 5022. *Salgam*. Kanari, Safranbolu, Zonguldak. Aug. 23.178843 and 178844. *BROMUS INERMIS* Leyss. Poaceae. **Smooth brome grass.**

Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

178843. No. 9612. Native type.

178844. No. 9612-A.

178845. *CANNABIS SATIVA* L. Moraceae.**Hemp.**

No. 10159. Hamzali, Orhangazi, Bursa. July 8. Summer type.

178846 to 178849. *CAPSICUM FRUTESCENS* L. Solanaceae.**Redpepper.**178846. No. 5029. *Dolma*. Kanari, Safranbolu, Zonguldak. Aug. 23.

178847. No. 9692. One km. west of Cankiri, Cankiri. Sept. 28. Sweet type.

178848. No. 9699. One km. west of Cankiri, Cankiri. Sept. 28. Fruit pungent.

178849. No. 10180. *Kaynarca*, Kirklareli.178850 to 178852. *CARTHAMUS TINCTORIUS* L. Asteraceae.**Safflower.**178850. No. 9606. *Sazora* No. 13. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Spineless.

178851. No. 9710. Cankiri, Cankiri.

178852. No. 9742. Market, Damascus, Syria. Oct. 18.

178853 to 178869. *CICER ARIETINUM* L. Fabaceae.**Chickpea.**

178853. No. 4999. Cestepe, Kizilcahamam, Ankara.

178854. No. 5025. Yazikoy, Safranbolu, Zonguldak. Aug. 23.

178855. No. 5057. Suvutcaiyir, Susurluk, Balikesir. Local type.

178856. No. 5201. Ihsaniye, Kocaeli. Sept. 2.

178857. No. 5102. Ankara, Ankara. Aug. 26.

178858. No. 5103. Ankara.

178859. No. 5108. Ankara.

178860. No. 9497. Market, Guvecci, Kutahya. Sept. 25.

178861. No. 9499. Market, Ortaca, Kutahya.

178862. No. 9516. Ciftligi Harasi, 52 km. east of Eskisehir. Sept. 26.

178863. No. 9647. Market, Sivrihisar, Eskisehir. Sept. 29.

178864. No. 9708. *Kabak*. Cankiri, Cankiri. Oct. 4.

178865. No. 10156. Orhangazi, Bursa. July 15. Local type.

178866. No. 10132. Ozalp, Van.

178867. No. 10208. Aksakoy, Inece Bucagi, Kirklareli.

178868. No. 10226. Diyarbakir, Diyarbakir.

178869. No. 10239. Sehir, Sebinkarahisar, Giresun.

178870 to 178878. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

178870. No. 5021. Kanari, Safranbolu, Zonguldak. Aug. 23.

178871. No. 8924. *Gecit*. Government Fruit Tree Nursery, Hah, Erzincan. Sept. 17.178872. No. 9488. *Yenindunya*. Seedsman, Kutahya, Kutahya. Sept. 25.



## 178810 to 179144—Continued

## 178870 to 178878—Continued

178873. No. 9663. One km. west of Cankiri, Cankiri. Oct. 4.  
 178874. No. 9690. One km. west of Cankiri. Oct. 4.  
 178875. No. 9695. One km. west of Cankiri. Oct. 4. Local type.  
 178876. No. 10158. *Bostan*. Orhangazi, Bursa. July 20.  
 178877. No. 10224. Diyarbakir, Diyarbakir.  
 178878. No. 10232. Diyarbakir.

178879. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**  
 No. 10263. Diyarbakir, Diyarbakir.

178880 to 178883. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

178880. No. 5023. Kanari, Safranbolu, Zonguldak. Aug. 23.  
 178881. No. 8928. *Topatan*. Government Fruit Tree Nursery, Hah, Erzin-  
 can. Sept. 17.  
 178882. No. 9688. *Duvelek*. One km. west of Cankiri, Cankiri. Oct. 4.  
 178883. No. 10159. *Topatan*. Orhangazi, Bursa. Oct. 10.

178884 to 178888. *CUCUMIS SATIVUS* L. **Cucumber.**

178884. No. 5040. *Hiyar*. Kanari, Safranbolu, Zonguldak. Aug. 23.  
 178885. No. 5129. *Salatalik*. Malkara, Tekirdag. Local type.

178886 to 178888. One km. west of Cankiri, Cankiri. Oct. 4.

178886. No. 9662.  
 178887. No. 9677. Short type.  
 178888. No. 9693. Hanging type.

178889 to 178895. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. **Squash.**

178889. No. 5573. *Balkabagi*. Kalecik, Ankara. Oct. 9.

178890 to 178895. From Cankiri, Cankiri. Oct. 4.

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|--------------------------------|--------------------------------|
| 178890. No. 9658. <i>Bal</i> . | 178893. No. 9682.              |
| 178891. No. 9670.              | 178894. No. 9691. <i>Bal</i> . |
| 178892. No. 9679.              | 178895. No. 9700.              |

178896 to 178898. *CUCURBITA PEPO* L. **Pumpkin.**

178896. No. 5579. Kalecik, Ankara. Oct. 9.  
 178897. No. 5585. Kalecik, Ankara. Oct. 9. Fruit dark-colored.  
 178898. No. 9659. Sivrihisar, Eskisehir. Sept. 29.

178899. *CUCURBITA* sp.

- No. 9678. One km. west of Cankiri, Cankiri. Oct. 4. Mixed sample.

178900. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**

- No. 9666. Cankiri, Cankiri. Oct. 4.

178901. *ERUCA SATIVA* Mill. Brassicaceae. **Rocket-salad.**

- No. 5086. Ankara, Ankara. Aug. 24.

178902 to 178920. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**

178902. No. 5449. Gokmen, Bandirma, Balikesir. Sept. 30.

178903. No. 5593. Yaslimizar, Suruc, Urfa. Oct. 9.

178904 to 178907. Market, Sivrihisar, Eskisehir. Sept. 29.

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|--------------------------------|-------------------------------|
| 178904. No. 9642. Seeds black. | 178906. No. 9649.             |
| 178905. No. 9646.              | 178907. No. 9652. Seeds gray. |

## 178810 to 179144—Continued

## 178902 to 178920—Continued

178908. No. 9669. One km. west of Cankiri, Cankiri. Oct. 4.

178909. No. 9672. One km. west of Cankiri. Oct. 4.

178910. No. 10150. Celtikci, Orhangazi, Bursa. Oct. 20.

178911. No. 10165. *Gundandu*. Eceabat, Canakkale.

178912 to 178918. Kirklareli, Kirklareli.

178912. No. 10182. Seeds white. 178916. No. 10204. Seeds black.

178913. No. 10192. Palas. 178917. No. 10206. Seeds gray.

178914. No. 10198. Seeds white. 178918. No. 10207. *Kahverengi Alaca*.178915. No. 10199. *Kahverengi*.178919. No. 10258. *Can*. Diyarbakir, Diyarbakir.

178920. No. 10184. Bedre, Kirklareli.

178921 to 178924. *LACTUCA SATIVA* L. Asteraceae.

Lettuce.

178921. No. 9655. Market, Sivrihisar, Eskisehir. Sept. 29.

178922. No. 9674. *Yedikule*. One km. west of Cankiri, Cankiri. Oct. 4.

178923. No. 9697. One km. west of Cankiri. Oct. 4. Leaves curly.

178924. No. 9704. *Gobekli*. One km. west of Cankiri. Oct. 4.178925. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae.

Calabash gourd.

No. 9648. Market, Sivrihisar, Eskisehir. Sept. 9. Mixed sample.

178926 to 178971. *LENS CULINARIS* Medic. Fabaceae.

Lentil.

178926 to 178951. From Ankara, Ankara.

Seeds originally collected from Provinces listed.

178926. No. 4802. Denizli. 178939. No. 4815.

178927. No. 4803. Antalya. 178940. No. 4816. Edirne.

178928. No. 4804. Mardin. 178941. No. 4817. Antalya.

178929. No. 4805. Mardin. 178942. No. 4819. Urfa.

178930. No. 4806. Mardin. 178943. No. 4820. Mugla.

178931. No. 4807. Diyarbakir. 178944. No. 4825. Cankiri.

178932. No. 4808. Denizli. 178945. No. 4833. Kutahya.

178933. No. 4809. Van. 178946. No. 4834. Ankara.

178934. No. 4810. Kars. 178947. No. 4846.

178935. No. 4811. Aydin. 178948. No. 4847.

178936. No. 4812. Canakkale. 178949. No. 4848.

178937. No. 4813. Canakkale. 178950. No. 4849.

178938. No. 4814. Isparta. 178951. No. 4850.

178952. No. 4990. Igdır, Kizilcahamam, Ankara. Seeds black.

178953. No. 4991. Orencik, Ankara.

178954. No. 5019. Yazikoy, Safranbolu, Zonguldak. Aug. 23.

178955. No. 5347. Yozgat, Yozgat. Sept. 15. Small type.

178956. No. 5507. Keydanlar, Devrekani, Kastamonu. Oct. 6.

178957. No. 5542. Cermik, Diyarbakir. Oct. 8.

178958. No. 5544. *Kokcabas*. Serceler, Orhaneli, Bursa.

178959. No. 5586. Kalecik, Ankara. Oct. 9.

## 178810 to 179144—Continued

## 178926 to 178971—Continued

178960. No. 9469. Seedsman, Kutahya, Kutahya. Sept. 25.  
 178961. No. 9494. Seedsman, Kutahya, Kutahya. Sept. 25.  
 178962. No. 9500. Seedsman, Kutahya. Sept. 25.  
 178963. No. 9517. Ciftligi Harasi, 52 km. east of Eskisehir, Eskisehir. Sept. 26.  
 178964. No. 9637. Market, Sivrihisar, Eskisehir. Sept. 29. Originally from Siliba, Eskisehir.  
 178965. No. 10122. Piniminyem, Ozalp, Van.  
 178966. No. 10148. Orhangazi, Bursa. June 10.  
 178967. No. 10176. Egil, Diyarbakir.  
 178968. No. 10190. Inece, Kirklareli.  
 178969. No. 10223. Diyarbakir, Diyarbakir. Seeds red.  
 178970. No. 10235. Diyarbakir.  
 178971. No. 10218. Inece Bucagi, Kirklareli.

178972. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.

No. 9705. One km. west of Cankiri, Cankiri. Oct. 4.

178973 to 178977. *LINUM USITATISSIMUM* L. Linaceae. Flax.

178973. No. 5135. Ankara, Ankara. Aug. 27.  
 178974. No. 5177. *Kislik*. Bayraktar, Kocaeli. Sept. 2.  
 178975. No. 9641. Market, Sivrihisar, Eskisehir. Sept. 29.  
 178976. No. 9676. One km. west of Cankiri, Cankiri. Oct. 4.  
 178977. No. 10157. *Kislik*, Cakirli, Orhangazi, Bursa. Aug. 8.

178978 and 178979. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

178978. No. 9680. One km. west of Cankiri, Cankiri. Oct. 4.  
 178979. No. 9643. Market, Sivrihisar, Eskisehir. Sept. 29.

178980 to 178982. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.

178980. No. 8880. Seed dealer, Erzincan, Erzincan. Sept. 17. Originally from Kayseri, Kayseri.  
 178981. No. 9590. *Sazova Kir*. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Drought and cold-resistant type selected from escaped plants. Grown on dry land at this station.  
 178982. No. 9659. One km. west of Cankiri, Cankiri. Oct. 4.

178983. *MELILOTUS ALBA* Desr. Fabaceae. White sweetclover.

No. 9191. Karahoyuk, Kayseri. Sept. 17. Along irrigation ditch near town.

178984 and 178985. *MELILOTUS OFFICINALIS* (L.) Lam. Yellow sweetclover.

Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

178984. No. 9622. Native type.  
 178985. No. 9595. Mixture of native types.

178986. *MIRABILIS JALAPA* L. Nyctaginaceae. Four-o'clock.

No. 10278. *Aksam Sefasi*. Diyarbakir, Diyarbakir.

178987. *NIGELIA SATIVA* L. Ranunculaceae. Black cumin.

No. 9702. One km. west of Cankiri, Cankiri. Oct. 4.

## 178810 to 179144—Continued

- 178988 and 178989. *ONOBRYCHIS Viciaefolia* Scop. Fabaceae. **Sainfoin.**  
Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.
178988. No. 9591.
178989. No. 9592. Selected for winter habit.
178990. *Panicum miliaceum* L. Poaceae. **Proso.**  
No. 5055. *Kumdari*. Gobel, Susurluk, Balikesir. Aug. 23.
178991. *Setaria italica* (L.) Beauv. Poaceae. **Foxtail millet.**  
No. 5076. Ankara, Ankara. Aug. 23.
- 178992 to 178994. *Panicum miliaceum* L. Poaceae. **Prose.**  
178992. No. 5079. Ankara.  
178993. No. 5081. Ankara.  
178994. No. 10212. *Dari*. Bedre, Kirklareli.
- 178995 and 178996. *Petroselinum crispum* (Mill.) Nym. Apiaceae. **Parsley.**  
178995. No. 8882. Seed dealer, Erzincan, Erzincan. Sept. 17.  
178996. No. 6986. Gardener, Cankiri, Cankiri. Oct. 4.
- 178997 to 179018. *Phaseolus vulgaris* L. Fabaceae. **Common bean.**  
178997. No. 5137. Ankara, Ankara. Aug. 23.  
178998. No. 5345. Yozgat, Yozgat. Sept. 15.  
178999 to 179004. Vegetable markets, Kutahya Province. Sept. 25.  
178999. No. 9489. Seeds white.  
179000. No. 9495. *Halva*. Guvecci.  
179001. No. 9498. *Kahne*. Guvecci.  
179002. No. 9501. *Bostan*. Demerci Oren.  
179003. No. 9504. Yailababa.  
179004. No. 9511. *Ayskadin*.
179005. No. 9515. *Kirac Bodur*. Ciftligi Harasi, 52 km. east of Eskisehir, Eskisehir. Sept. 26.
179006. No. 9634. *Ayskadin*. Market, Sivrihisar, Eskisehir. Sept. 29.
179007. No. 9638. *Ayskadin*. Elcik, Sivrihisar, Eskisehir.
179008. No. 9639. Elcik, Sivrihisar, Eskisehir. Small type.
179009. No. 9671. *Alakanak*. One km. west of Cankiri, Cankiri. Oct. 4.
179010. No. 9673. *Bodur*. One km. west of Cankiri. Oct. 4.
179011. No. 9685. One km. west of Cankiri. Oct. 4. Sweet type.
179012. No. 9707. *Barbunya*. Director of Agriculture, Cankiri.
179013. No. 10161. *Oturak*. Orhangazi, Bursa. Sept. 3. Summer type.
179014. No. 10169. *Oturak*. Eceabat, Canakkale.
179015. No. 10238. *Badem*. Alisar, Sebinkarahisar, Giresun. Seeds white.
179016. No. 10267. *Bobrek*. Seldegiamen, Giresun. Pole type.
179017. No. 10249. Seldegiamen, Giresun. Pole type.
179018. No. 10252. Guneykoy, Kesap, Giresun. Bush type.
- 179019 and 179020. *Pisum sativum* L. Fabaceae. **Pea.**  
179019. No. 9618. Director of Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.  
179020. No. 9696. One km. west of Cankiri, Cankiri. Oct. 4.

## 178810 to 179144—Continued

179021. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.  
No. 9698. Cankiri, Cankiri.
179022. *PRUNUS DOMESTICA* L. Rosaceae. Common plum.  
No. 8923. Government Fruit Tree Nursery, Hah, Erzincan. Sept. 17.
179023. *PRUNUS* sp.  
No. 5059. Istanbul, Istanbul. Aug. 23.
179024. *PRUNUS* sp.  
No. 8929. Government Fruit Tree Nursery, Hah, Erzincan.
179025. *PRUNUS ARMENIACA* L. Apricot.  
No. 8925. Government Fruit Tree Nursery, Hah, Erzincan.
179026. *PYRUS* sp. Malaceae. Pear.  
No. 9711. Kalecik, Ankara. Shallow soil; plant wild.
179027. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
No. 9653. Market, Sivrihisar, Eskisehir. Sept. 29. White type.
- 179028 to 179030. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
From Diyarbakir, Diyarbakir.
179028. No. 10266.
179029. No. 10273.
179030. No. 10275.
- 179031 to 179035. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
179031. No. 10160. Celtikci, Orhangazi, Bursa. Oct. 10.
179032. No. 10185. Karabayir, Kırklareli.
179033. No. 10187. Enece, Kırklareli.
179034. No. 10200. Meric, Edirne.
179035. No. 10201. Kırklareli, Kırklareli.
- 179036 to 179038. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.  
From Ankara, Ankara.
179036. No. 5077. Aug. 23.
179037. No. 5078.
179038. No. 5080.
179039. *SPARTIUM JUNCEUM* L. Fabaceae. Weavers-broom.  
No. 5058. Tuzla, Izmir. Aug. 16.
- 179040 to 179044. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.
179040. No. 4997. *Yaprak*. Bucagi market, Kizilcahamam, Ankara.
179041. No. 5036. Kanari, Safranbolu, Zonguldak. Aug. 23.
179042. No. 9496. Seedsman, Kutahya, Kutahya. Sept. 25. Originally from Guvecci, Kutahya. Seeds smooth.
179043. No. 9645. Market, Sivrihisar, Eskisehir. Sept. 29.
179044. No. 9665. One km. west of Cankiri, Cankiri. Oct. 4. Seeds smooth.
- 179045 to 179048. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
179045. No. 5114. *Sebze*. Malkara, Tekirdag. Aug. 26. Local type.
179046. No. 5572. *Kemer*. Kalecik, Ankara. Oct. 9.
179047. No. 5620. Yaslimizar, Suruc, Urfa.
179048. No. 9664. One km. west of Cankiri, Cankiri. Oct. 4. Fruit black.

## 178810 to 179144—Continued

- 179049 to 179053. *SORGHUM VULGARE* Pers. Poaceae.  
 179049. No. 9668. One km. west of Cankiri, Cankiri. Oct. 4. Broomcorn.  
 179050. No. 9689. One km. west of Cankiri, Cankiri. Oct. 4. Sweet type.  
 179051. No. 10166. Eceabat, Canakkale. Broomcorn.  
 179052. No. 10173. *Kocadari*. Egil, Diyarbakir.  
 179053. No. 10236. *Kocadari*. Diyarbakir, Diyarbakir.
179054. *TAGETES* sp. Asteraceae. **Marigold.**  
 No. 10277. Diyarbakir, Diyarbakir.
179055. *TRIFOLIUM CAMPESTRE* Schreb. Fabaceae. **Clover.**  
 No. 5006. Antalya, Antalya. Aug. 21.
179056. *TRIFOLIUM* sp.  
 No. 9629. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir.  
 Native type.
- 179057 and 179058. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**  
 179057. No. 5569. *Cemen*. Kalecik, Ankara. Oct. 9.  
 179058. No. 9588. *Selection No. 241*. Eskisehir Seed Improvement Station,  
 Eskisehir. White-seeded type.
- 179059 to 179063. *VICIA ERVILIA* (L.) Willd. Fabaceae. **Vetch.**  
 179059. No. 5032. Kapullu, Safranbolu, Zonguldak. Aug. 23.  
 179060. No. 5046. Yagcikoy, Susurluk, Balikesir.  
 179061. No. 9640. Hisar, Sivrihisar, Eskisehir.  
 179062. No. 10153. Yenikoy, Orhangazi, Bursa. Aug. 30. Summer type.  
 179063. No. 10174. Egil, Diyarbakir.
- 179064 to 179109. *VICIA FABA* L. **Broadbean.**  
 179064 to 179103. From Ankara, Ankara.
- |                   |                   |
|-------------------|-------------------|
| 179064. No. 4851. | 179084. No. 4875. |
| 179065. No. 4852. | 179085. No. 4877. |
| 179066. No. 4853. | 179086. No. 4878. |
| 179067. No. 4854. | 179087. No. 4880. |
| 179068. No. 4855. | 179088. No. 4881. |
| 179069. No. 4856. | 179089. No. 4883. |
| 179070. No. 4857. | 179090. No. 4884. |
| 179071. No. 4858. | 179091. No. 4885. |
| 179072. No. 4859. | 179092. No. 4886. |
| 179073. No. 4860. | 179093. No. 4887. |
| 179074. No. 4861. | 179094. No. 4888. |
| 179075. No. 4862. | 179095. No. 4889. |
| 179076. No. 4863. | 179096. No. 4890. |
| 179077. No. 4864. | 179097. No. 4891. |
| 179078. No. 4865. | 179098. No. 4892. |
| 179079. No. 4866. | 179099. No. 4894. |
| 179080. No. 4867. | 179100. No. 4895. |
| 179081. No. 4868. | 179101. No. 4896. |
| 179082. No. 4870. | 179102. No. 4897. |
| 179083. No. 4872. | 179103. No. 4898. |

**178810 to 179144—Continued****179064 to 179109—Continued**

179104. No. 5028. Kanari, Safranbolu, Zonguldak. Aug. 23.  
 179105. No. 5056. Yagci, Susurluk, Balikesir.  
 179106. No. 5543. Orhankehir, Bursa. Oct. 8. Dark-colored type.  
 179107. No. 9866. Market, Baghdad, Iraq. Oct. 30.  
 179108. No. 10168. Eceabat, Canakkale.  
 179109. No. 10172. *Sakiz*. Orhangazi, Bursa. Summer type.

**179110 to 179120. VICIA SATIVA L.****Common vetch.**

179110. No. 4996. Kinik, Kizilcahamam, Ankara.  
 179111. No. 5039. Yazikoy, Safranbolu, Zonguldak. Aug. 23.  
 179112. No. 8827. Director of Agriculture, Tunceli, Tunceli. 1946 crop. Originally from Pulumur, Tunceli.  
 179113. No. 8909. Seed dealer, Erzincan, Erzincan. Sept. 17.  
 179114 to 179118. From the Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.  
 179114. No. 9596. Originally from Adana Station.  
 179115. No. 9605. Syrian type.  
 179116. No. 9607.  
 179117. No. 9608. Originally from Bozuyuk, Mugla.  
 179118. No. 9627.

179119. No. 10196. Eriklice, Kirklareli.

179120. No. 10253. Karasense, Sebinkarahisar, Giresun. Summer type.

**179121. VICIA sp.****Vetch.**

No. 9600. Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Mixture.

**179122. VICIA sp.**

No. 9603. Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Mixture.

**179123. VICIA VILLOSA Roth.****Hairy vetch.**

No. 9626. Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Winter hardy.

**179124 to 179126. VIGNA SINENSIS (Torner) Savi. Fabaceae.****Cowpea.**

179124. No. 9681. One km. west of Cankiri, Cankiri. Oct. 4.  
 179125. No. 10152. *Karnikara*. Orhangazi, Bursa.  
 179126. No. 10162. Eceabat, Canakkale.

**179127 to 179144. ZEA MAYS L. Poaceae.****Corn.**

179127. No. 5571. Kalecik, Ankara. Oct. 9. Popcorn.  
 179128. No. 5574. Kalecik, Ankara. Oct. 9.  
 179129. No. 5592. *Darisi*. Kare, Suruc, Urfa. Oct. 9.  
 179130. No. 8871. Seed dealer, Erzincan, Erzincan.  
 179131. No. 9632. Alpagut, Sakarya, Eskisehir. Sept. 28. Mixture.  
 179132. No. 9633. Kepen, Sivrihisar, Eskisehir. Sweet type.  
 179133. No. 9709. Director of Agriculture, Cankiri, Cankiri.  
 179134. No. 10164. Eceabat, Canakkale.  
 179135. No. 10171. Yenikoy, Orhangazi, Bursa. Oct. 20. Mixture.

**178810 to 179144—Continued****179127 to 179144—Continued**

179136. No. 10175. Egil, Diyarbakir.  
 179137. No. 10193. Meric, Edirne.  
 179138. No. 10194. Palas, Kirklareli.  
 179139. No. 10203. Bedre, Kirklareli.  
 179140. No. 10209. Koyunbaba, Kirklareli.  
 179141. No. 10210. Kirklareli. Popcorn.  
 179142. No. 10211. Yenimahalle, Babaeski, Kirklareli.  
 179143. No. 10245. Seldegiamen, Giresun. Seeds yellow.  
 179144. No. 10250. Kayadili, Giresun. Seeds white.

**179145 and 179146. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Switzerland. Seeds persented by the Vatter Seed Co., Berne. Received Mar. 25, 1949.

179145. *Annual No. 1021.*  
 179146. *Perennial Bernois.*

**179147 to 179149. MALUS spp. Malaceae.**

From Canada. Scions presented by the Department of Agriculture, Ottawa. Received Mar. 31, 1949.

- 179147 and 179148. *MALUS BACCATA (L.) Moench.* **Siberian crabapple.**  
 179147. No. 1.  
 179148. *Marima No. 2.*  
 179149. *MALUS SYLVESTRIS Mill.* **Apple.**  
*Pioneer.*

**179150. PYRUS sp. Malaceae. Pear.**

From France. Trees presented by Le Page & Co., Angers. Received Apr. 1, 1949.  
*Bererd.*

**179151. GUNDELIA TOURNEFORTII L. Asteraceae.**

From Turkey. Seeds presented by the Rubber Institute, Ankara. Received Apr. 1, 1949. *Kenker.*

**179152 to 179154.**

From Australia. Seeds presented by A. T. Pugsley, Waite Institute, Adelaide, South Australia. Received Apr. 1, 1949.

- 179152 and 179153. *TRITICUM AESTIVUM L.* **Poaceae. Common wheat.**  
 179152. *Gabo × Insignia.*  
 179153. *Dirk 48.*  
 179154. *HORDEUM VULGARE L.* **Poaceae. Barley.**  
*Greenough.*

**179155. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.**

From Guatemala. Seeds obtained through the Foreign Agricultural Service, Washington, D. C. Received Mar. 31, 1949.

*Guicoy.*

**179156. FRAGARIA VESCA L. Rosaceae. Alpine strawberry.**

From England. Plants presented by Dr. R. V. Harris, East Malling Research Station, East Malling, Maidstone, Kent. Received Apr. 4, 1949.



**179157 to 179582.**

From Turkey, Syria, and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 4, 1949.

Seeds collected in 1948. From Turkey unless otherwise noted.

**179157 to 179159.** ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. **Okra.**

179157. No. 4534. *Sultaniye*. Mustafa Kemalpaşa, Bursa. July 20.

179158. No. 4554. Mustafa Kemalpaşa, Bursa. July 20. Local type.

179159. No. 5939. Altinova, Ayvalık, Balıkesir. Oct. 22.

**179160 and 179161.** AEGILOPS TRIARISTATA Willd. Poaceae.

179160. No. 10291. Ezine, Canakkale. June 26.

179161. No. 10299. Orhangazi, Bursa.

**179162.** AGROPYRON ELONGATUM (Host) Beauv. Poaceae.

No. 9269. Ten miles west of Bor, Nigde. Sept. 23. Bunch grass growing on flat Nigde plain; low rainfall, gray soil.

**179163.** AGROSTEMMA GITHAGO L. Caryophyllaceae. **Corncockle.**

No. 10219. *Karamuk*. Tekisalan (Ince Bucagi), Kırklareli.

**179164 to 179167.** ALLIUM CEPA L. Liliaceae. **Onion.**

179164. No. 4550. *Savan*. Mustafa Kemalpaşa, Bursa. July 20.

179165. No. 4976. *Ince*. Sungurlu, Yozgat. Aug. 3.

179166. No. 5931. Altinova, Ayvalık, Balıkesir. Oct. 22.

179167. No. 9879. Market, Baghdad, Iraq. Oct. 30.

**179168 to 179170.** ALLIUM PORRUM L. **Leek.**

179168. No. 4537. Mustafa Kemalpaşa, Bursa. July 20.

179169. No. 4963. Corum, Corum. Aug. 2.

179170. No. 10082. Eceabat, Canakkale.

**179171.** APIUM GRAVEOLENS L. Apiaceae. **Celery.**

No. 10348. Gemlik, Bursa.

**179172.** AQUILEGIA sp. Ranunculaceae.

No. 8949. General store, Susehri, Sivas. Sept. 18.

**179173 to 179178.** BETA VULGARIS L. Chenopodiaceae. **Beet.**

179173. No. 5016. Kanari, Safranbolu, Zonguldak. Aug. 23.

179174. No. 5658. Ladik, Samsun. Oct. 11.

179175. No. 9890. Market, Baghdad, Iraq. Oct. 30.

179176. No. 9892. Market, Baghdad, Iraq. Oct. 30.

179177. No. 10095. *Kocabas*. Dihok, Siirt.

179178. No. 10373. Gemlik, Bursa.

**179179 and 179180.** BETA VULGARIS var. CICLA L. **Swiss chard.**

179179. No. 9745. Market, Damascus, Syria. Oct. 18.

179180. No. 10374. Gemlik, Bursa.

**179181 to 179184.** BRASSICA NAPUS L. Brassicaceae. **Rape.**

179181. No. 4502. Hayrabolu, Tekirdag. July 20.

179182. No. 4547. Mustafa Kemalpaşa, Bursa. July 20.

179183. No. 5117. Yılanlı, Malkara, Tekirdag. Aug. 26. Winter type.

179184. No. 5875. Tekirdag, Tekirdag.

## 179157 to 179582—Continued

179185. *BRASSICA OLERACEA* VAR. *BOTRYTIS* L. **Cauliflower.**  
No. 10344. *Subat.* Gemlik, Bursa.
- 179186 to 179188. *BRASSICA OLERACEA* VAR. *CAPITATA* L. **Cabbage.**  
179186. No. 4967. *Corum,* *Corum.* Aug. 2.  
179187. No. 5035. *Kanari, Safranbolu, Zonguldak.* Aug. 23.  
179188. No. 10106. *Umurbey, Lapseki, Canakkale.*
179189. *BRASSICA RAPA* L. **Turnip.**  
No. 9881. *Market, Baghdad, Iraq.* Oct. 30.
179190. *BRASSICA* sp.  
No. 10096. *Dihok, Siirt.*
179191. *BRASSICA* sp.  
No. 10214. *Asilbeyli, Kirklareli.*
179192. *BRASSICA* sp.  
No. 10221. *Cesme, Lalapasa, Edirne.*
- 179193 to 179203. *CAPSICUM FRUTESCENS* L. *Solanaceae.* **Redpepper.**  
179193. No. 4545. *Dolma.* Mustafa Kemalpaşa, Bursa. July 20.  
179194. No. 4560. Mustafa Kemalpaşa, Bursa. July 20. Fruit pungent. Albanian type.  
179195. No. 4564. *Carlistan.* Mustafa Kemalpaşa, Bursa, July 20. Fruit tapering, sweet.  
179196. No. 5030. *Kanari, Safranbolu, Zonguldak.* Aug. 23.  
179197. No. 5127. *Malkara, Tekirdag.* Aug. 26.  
179198. No. 5890. *Baltaci Ciftligi, Yalova, Istanbul.* Oct. 22.  
179199. No. 9887. *Market, Baghdad, Iraq.* Oct. 30.  
179200. No. 10217. *Inece Bucagi, Kirklareli.*  
179201. No. 10347. *Gedelek, Gemlik, Bursa.* Fruit tapering.  
179202. No. 10346. *Dolma.* *Gedelek, Gemlik, Bursa.*  
179203. No. 10372. *Carlistan.* *Gedelek, Gemlik, Bursa.*
- 179204 to 179231. *CICER ARIETINUM* L. *Fabaceae.* **Chickpea.**  
179204. No. 4510. *Hedeyli, Hayrabolu, Tekirdag.* July 20. Spanish type.  
179205. No. 4553. Mustafa Kemalpaşa, Bursa. July 20.  
179206 to 179220. *From Ankara, Ankara.* Aug. 26.  
179206. No. 5091. 179214. No. 5099.  
179207. No. 5092. 179215. No. 5100.  
179208. No. 5093. 179216. No. 5101.  
179209. No. 5094. 179217. No. 5104.  
179210. No. 5095. 179218. No. 5105.  
179211. No. 5096. 179219. No. 5106.  
179212. No. 5097. 179220. No. 5107.  
179213. No. 5098.
179221. No. 5974. *Tekirdag, Tekirdag.* Aug. 22.  
179222. No. 5907. *Altinova, Ayvalik, Balikesir.* Aug. 22.  
179223. No. 5928. *Araplar, Ayvalik, Balikesir.*  
179224. No. 6000. *Sultani.* *Akziryaret Bucagi, Urfa.* Aug. 23.  
179225. No. 9871. *Market, Baghdad, Iraq.* Oct. 30.

**179157 to 179582—Continued****179204 to 179231—Continued**

**179226 to 179228.** Erzurum Seed Improvement Station, Erzurum, Erzurum.  
Aug. 17.

**179226.** No. 10059. Originally from Hinis, Erzurum.

**179227.** No. 10060. Originally from Askale, Erzurum.

**179228.** No. 10061. Originally from Yesilkoy Seed Improvement Station, Erzurum.

**179229.** No. 10125. Akakoy, Van.

**179230.** No. 10367. Gencali, Gemlik, Bursa. Local type.

**179231.** No. 10378. Gemlik, Bursa.

**179232 to 179243.** CITRULLUS VULGARIS Schrad. Cucurbitaceae. **Watermelon.**

**179232.** No. 4517. *Cekirdegi*. Hayrabolu, Tekirdag. July 20.

**179233.** No. 4556. *Bostan Cekirdegi*. Mustafa Kemalpaşa, Bursa. Striped

**179234.** No. 4563. *Yenidunya Cekirdegi*. Mustafa Kemalpaşa, Bursa.  
July 20.

**179235.** No. 5679. *Taygan*. Hirsamengeler, Bafra, Samsun.

**179236.** No. 5824. Sarkoy, Tekirdag. Oct. 21.

**179237.** No. 5932. Altinova, Ayvalik, Balıkesir. Oct. 22.

**179238.** No. 6035. Yenice, Canakkale. Oct. 25.

**179239.** No. 6106. Sahinli, Niksar, Tokat. Oct. 27.

**179240.** No. 6127. Uzunkopru, Edirne. Oct. 27.

**179241.** No. 9874. Market, Baghdad, Iraq. Oct. 30.

**179242.** No. 9876. Baghdad, Iraq.

**179243.** No. 10357. *Cekirdegi*. Kurtul, Gemlik, Bursa.

**179244.** CORNUS MAS L. Cornaceae.**Cornelian-cherry.**

No. 6107. *Kizilcik*. Leyis, Niksar, Tokat. Oct. 27.

**179245 to 179258.** CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

**179245.** No. 4518. *Kirkagac*. Hayrabolu, Tekirdag. July 20.

**179246.** No. 4549. Mustafa Kemalpaşa, Bursa. July 20.

**179247.** No. 4565. *Bagri Butun*. Mustafa Kemalpaşa, Bursa.

**179248.** No. 5677. Hirsamengeler, Bafra, Samsun. Oct. 11.

**179249.** No. 5826. *Citilis*. Sarkoy, Tekirdag. Oct. 21.

**179250.** No. 6034. Yenice, Canakkale. Oct. 25.

**179251 to 179257.** Uzunkopru, Edirne.

**179251.** No. 6126. *Cuban Almaz*. Oct. 27.

**179252.** No. 6128. *Suleymanıye*.

**179253.** No. 6129. *Altunbas*.

**179254.** No. 6130. Fruit yellow.

**179255.** No. 6132. *Yumurta Kis*. Fruit white.

**179256.** No. 6133. *Suluklu Kis*. Fruit yellow.

**179257.** No. 6133-A. *Kirkagac*.

**179258.** No. 10103. *Kislik*. Dihok, Siirt. For winter use.

**179259 to 179263.** CUCUMIS SATIVUS L.**Cucumber.**

**179259.** No. 4528. *Langa*. Mustafa Kemalpaşa, Bursa. July 20.

**179260.** No. 4548. *Istanbul*. Mustafa Kemalpaşa, Bursa. July 20.

**179157 to 179582—Continued****179259 to 179263—Continued**

179261. No. 9752. *Kithch*. Market, Damascus, Syria. Oct. 18. Fruit strongly ridged.

179262. No. 9882. Market, Baghdad, Iraq. Oct. 30. Long type.

179263. No. 10093. Ayinbaran, Siirt.

**179264 to 179266. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.**

179264. No. 4535. *Bal*. Mustafa Kemalpaşa, Bursa. July 20. Fruit yellow.

179265. No. 4562. *Kestane*. Mustafa Kemalpaşa, Bursa. July 20. Fruit white.

179266. No. 10113. Umurbey, Lapseki, Canakkale. Fruit sweet.

**179267 to 179274. CUCURBITA PEPO L. Pumpkin.**

179267. No. 4536. *Dolmalik*. Mustafa Kemalpaşa, Bursa. July 20.

179268. No. 4542. *Skiz*. Mustafa Kemalpaşa, Bursa. July 20.

179269. No. 5015. Kanari, Safranbolu, Zonguldak. Aug. 23.

179270. No. 5911. Altinova, Ayvalik, Balıkesir. Oct. 22.

179271. No. 6033. Yenice, Canakkale. Oct. 25.

179272. No. 9798. Market, Damascus, Syria. Oct. 20.

179273. No. 9885. Market, Baghdad, Iraq. Oct. 30.

179274. No. 10105. Serpir, Siirt. Common type.

**179275 to 179277. DAUCUS CAROTA L. Apiaceae. Carrot.**

179275. No. 4966. Corum, Corum. Aug. 2.

179276. No. 5113. Malkara, Tekirdag. Local type.

179277. No. 9883. Market, Baghdad, Iraq. Oct. 30.

**179278. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.**

No. 9896. Near East Foundation, Damascus, Syria. Nov. 1.

**179279. ERUCA SATIVA Mill. Brassicaceae. Rocket-salad.**

No. 5090. Ankara, Ankara. Aug. 24.

**179280. FOENICULUM VULGARE Mill. Apiaceae. Fennel.**

No. 10092. *Rezaniye*. Halenze, Siirt.

**179281 to 179291. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.**

179281. No. 4515. *Kara Realaca*. Cene, Hayrabolu, Tekirdag.

179282. No. 4526. Mustafa Kemalpaşa, Bursa.

179283. No. 5186. Malaklar, Kandira, Kocaeli. Aug. 15. Seeds black.

179284. No. 5187. Sullu, Kandira.

179285. No. 5689. Bafra, Samsun. Oct. 11. Seeds white.

179286. No. 5816. Sarkoy, Tekirdag. Oct. 21.

179287. No. 5886. Malkara, Tekirdag. Seeds black and white.

179288. No. 5902. Yalova, Istanbul.

179289. No. 5913. *Gimdima*. Altinova, Ayvalik, Balıkesir. Oct. 22.

179290. No. 10189. Kirklareli, Kirklareli. Seeds grey striped.

179291. No. 10213. Meric, Edirne.

**179292. HIBISCUS sp. Malvaceae.**

No. 10301. Askale, Erzurum.

**179157 to 179582—Continued**

- 179293.** *IMPATIENS BALSAMINA* L. Balsaminaceae. Garden balsam.  
No. 8839. *Kuna Kuna*. Director of Agriculture, Kalan, Tunceli. Origin unknown.
- 179294 to 179297.** *LACTUCA SATIVA* L. Asteraceae. Lettuce.  
**179295.** No. 4543. *Salatalik*. Mustafa Kemalpaşa.  
**179296.** No. 5013. Kanari, Safranbolu, Zonguldak. Aug. 23.  
**179297.** No. 9878. Market, Baghdad, Iraq. Oct. 30.
- 179298.** *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
No. 5723. *Sukabagi*. Erecek, Ayvacik, Canakkale. Oct. 18. Water pumpkin.
- 179299.** *LATHYRUS SATIVUS* L. Fabaceae. Bittervetch.  
No. 5985. *Culbant*. Karakopru, Urfa. Oct. 23.
- 179300 to 179336.** *LENS CULINARIS* Medic. Fabaceae. Lentil.  
**179300.** No. 4511. Kadriye, Hayrabolu, Tekirdag. Seeds dark-colored.  
**179301 to 179320.** From the Yuksek Agricultural Institute, Ankara, Ankara. July 28.  
Seeds originally collected from sources listed.
- 179301.** No. 4819. Emirdag, Ayfon.  
**179302.** No. 4821. Devrek, Zonguldak.  
**179303.** No. 4822. Kirsehir, Kirsehir.  
**179304.** No. 4823. Balikesir, Balikesir.  
**179305.** No. 4824. Meric, Edirne.  
**179306.** No. 4826. Tavsanlı, Kutahya.  
**179307.** No. 4827. Kure, Kastamonu.  
**179308.** No. 4828. Ayfon Province.  
**179309.** No. 4929. Ayfon Province.  
**179310.** No. 4830. Ayfon Province.  
**179311.** No. 4831. Meric, Edirne.  
**179312.** No. 4832. Eregli, Edirne.  
**179313.** No. 4835,  
**179314.** No. 4836. Emet, Edirne.  
**179315.** No. 4837. Barbatas, Tekirdag.  
**179316.** No. 4839. Bozüyük, Tekirdag.  
**179317.** No. 4840. Yozgat Province.  
**179318.** No. 4842. Canakkale, Canakkale.  
**179319.** No. 4844. Uzunkopru, Edirne.  
**179320.** No. 4845. Diyarbakir, Diyarbakir.
- 179321.** No. 5124. Malkara, Tekirdag. Aug. 26. Summer type.  
**179322.** No. 5125. Malkara, Tekirdag. Aug. 26. Winter type.  
**179323.** No. 6003. Hanmagara, Hilvan, Urfa. Oct. 23.  
**179324.** No. 9729. Village of Arnet, at foot of Mount Hermon, Syria. Oct. 17.  
**179325 to 179329.** From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Aug. 8.  
**179325.** No. 10062. Station No. 7/944.  
**179326.** No. 10063. Station No. 6/944.

**179157 to 179582—Continued****179300 to 179336—Continued****179325 to 179329—Continued**

179327. No. 10064. Station No. 5/944.

179328. No. 10065. Station No. 3/944.

179329. No. 10066. Station No. 2/944.

179330. No. 10083. Yukari Keferze, Bersiri, Siirt.

179331. No. 10133. Yukari Irsat, Van.

179332. No. 10241. Alisar, Sebinkarahisar, Giresun.

179333. No. 10329. Askale, Erzurum.

179334. No. 10339. Polatli, Ankara.

179335. No. 10350. Umurbey, Gemlik, Bursa.

179336. No. 10365. Kurtul, Gemlik.

**179337 to 179357. LINUM USITATISSIMUM L. Linaceae.****Flax.**

179337. No. 4520. Hayrabolu, Tekirdag. July 20. Autumn type.

179338. No. 5050. Susurluk, Balikesir. Summer type.

179340 to 179344. Ankara, Ankara. Aug. 27.

179340. No. 5130.

179343. No. 5133.

179341. No. 5131.

179344. No. 5134.

179342. No. 5132.

179345. No. 5176. Suadiye, Kocaeli. Sept. 2. Winter type.

179346. No. 5844. Zegerek. Kizilveren, Kagizman, Kars.

179347. No. 5869. Tekirdag, Tekirdag. Oct. 22.

179348. No. 5870. Tekirdag.

179349. No. 5885. Karaidemir, Malkara, Tekirdag. Winter type.

179350. No. 5892. Baltaci Ciftligi, Yalova, Istanbul.

179351. No. 9741. Market, Damascus, Syria. Oct. 20.

**179352 to 179357. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Aug. 8.**

179352. No. 10053. Strain No. 6/946.

179353. No. 10054. Strain No. 5/946.

179354. No. 10055. Strain No. 4/946.

179355. No. 10056. Strain No. 3/946.

179356. No. 10057. Strain No. 2/946.

179357. No. 10058. Strain No. 1/946.

**179358. LOLIUM MULTIFLORUM Lam. Poaceae.****Italian ryegrass.**No. 9227. *Cim.* Purchased from seed handler, Nigde. Sept. 22.**179359. LOLIUM PERSICUM Boiss. & Hohen.**

No. 9856. Main Experiment Station, Baghdad, Iraq. Oct. 30. Native type. Found in late spring on ditch banks.

**179360. LUFFA AEGYPTIACA Mill. Cucurbitaceae.****Suakwa towelgourd.**

No. 9888. Market, Baghdad, Iraq.

**179361. LUPINUS ALBUS L. Fabaceae.****White lupine.**

No. 9280. Konya. Sep. 23. A source of local insecticide. Seeds eaten after distillation to remove insecticide ingredient.

## 179157 to 179582—Continued

- 179362 to 179367.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
**179362.** No. 4530. *Turfan*. Mustafa Kemalpaşa, Bursa. July 20.  
**179363.** No. 4532. *Muhurlu*. Mustafa Kemalpaşa, Bursa. July 20.  
**179364.** No. 4544. Mustafa Kemalpaşa, Bursa. July 20. Large.  
**179365.** No. 5026. Kanari, Safranbolu, Zonguldak.  
**179366.** No. 5937. Altinova, Ayvalık, Balıkesir. Oct. 22.  
**179367.** No. 9893. Market, Baghdad, Iraq. Oct. 30.
- 179368 to 179371.** *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
**179368.** No. 9740. Market, Damascus, Syria. Oct. 18.  
**179369.** No. 10137. Pulurmanik, Van.  
**179370.** No. 8937. Nurkah, Erzincan. Sept. 17. On ditch bank with heavy soil.  
**179371.** No. 8964. Three miles west of Susehri, Sivas. Sept. 18. Flowers yellow. Heavy soil along roadside.
- 179372.** *MELIOTUS ALBA* Desr. Fabaceae. **White sweetclover.**  
 No. 8967. Three miles west of Susehri, Sivas. Sept. 18. Moist, gravelly soil near spring.
- 179373.** *MORUS* sp. Moraceae. **Mulberry.**  
 No. 9037. Market, Yozgat, Yozgat. Sept. 20.
- 179374.** *MORUS* sp.  
 No. 9525. Market, Bilecik, Bilecik. Sept. 27.
- 179375.** *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**  
 No. 5920. Altinova, Ayvalık, Balıkesir. Oct. 22.
- 179376 to 179378.** *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. **Sainfoin.**  
**179376.** No. 5831. *Kurunka*. Ortakoy, Kagizman, Kars.  
**179377.** No. 5837. Kizilveren, Kagizman, Kars.  
**179378.** No. 10136. Tandurus, Van.
- 179379 to 179392.** *PANICUM MILLACEUM* L. Poaceae. **Proso.**  
**179379.** No. 4519. *Kumdari*. Tatarbaydan, Hayrabolu, Tekirdag. July 20.  
**179380 to 179389.** From Ankara, Ankara. Aug. 23.  
**179380.** No. 5066. **179385.** No. 5074.  
**179381.** No. 5069. **179386.** No. 5075.  
**179382.** No. 5071. **179387.** No. 5082.  
**179383.** No. 5072. **179388.** No. 5083.  
**179384.** No. 5073. **179389.** No. 5084.  
**179390.** No. 5193. Balci, Kandira, Kocaeli. Sept. 2.  
**179391.** No. 6103. Ibiski, Niksar, Tokat. Oct. 27.  
**179392.** No. 9849. Experiment Station, Baghdad, Iraq. Oct. 20.
- 179393 to 179395.** *PAPAVR SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
**179393.** No. 4522. Hayrabolu, Tekirdag. July 20.  
**179394.** No. 5051. Sulecik, Susurluk, Balıkesir.  
**179395.** No. 10205. Kirklareli, Kirklareli.
- 179396.** *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**  
 No. 9895. Market, Baghdad, Iraq. Oct. 30.

## 179157 to 179582—Continued

- 179397 and 179398. *PHALARIS CANARIENSIS* L. Poaceae. **Canary grass.**  
 179397. No. 4501. *Kusyemi*. Canadir, Hayrabolu, Tekirdag.  
 179398. No. 5126. *Cavus*, Malkara, Tekirdag.
179399. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**  
 No. 9873. Market, Baghdad, Iraq. Oct. 30.
- 179400 to 179445. *PHASEOLUS VULGARIS* L. **Common bean.**  
 179400. No. 4506. *Uzunkopru*, Edirne.  
 179401. No. 4509. Hayrabolu, Tekirdag. July 20. Sweet type.  
 179402. No. 4538. *Barbunya*. Mustafa Kemalpaşa, Bursa.  
 179403. No. 4561. *Oturak*. Mustafa Kemalpaşa.  
 179404. No. 4965. *Aysekadın*. Corum, Corum. Aug. 2.  
 179405. No. 5119. *Aysekadın*. Malkara, Tekirdag. Aug. 26.  
 179406. No. 5120. *Barbunya*. Malkara.  
 179407 to 179418. From Ankara, Ankara. Aug. 27.  
 179407. No. 5138. 179413. No. 5144.  
 179408. No. 5139. 179414. No. 5147.  
 179409. No. 5140. 179415. No. 5158.  
 179410. No. 5141. 179416. No. 5162.  
 179411. No. 5142. 179417. No. 5172.  
 179412. No. 5143. 179418. No. 5173.
179419. No. 5179. *Kara Ayse*. Kullar, Kocaeli. Sept. 2. Seeds black.  
 179420. No. 5675. *Oturak*. Engiz, Bafra, Samsun. Oct. 11.  
 179421. No. 5832. *Barbunya*. Sahindere Mahallesi, Kagizman, Kars. Oct. 21.  
 179422. No. 5842. Kagizman, Kars. Seeds white.  
 179423. No. 5896. Baltaci Ciftligi, Yalova, Istanbul. Oct. 22.  
 179424. No. 5923. Ayvalik, Balikesir.  
 179425. No. 9743. Market, Damascus, Syria. Oct. 18.  
 179426. No. 9788. Seed dealer, Damascus, Syria.  
 179427. No. 9795. *Maltiye*. Damascus, Syria. Pole type.  
 179428. No. 9870. Market, Baghdad, Iraq. Oct. 30.  
 179429. No. 9886. Baghdad, Iraq.
- 179430 to 179435. From the Erzurum Seed Improvement Station, Erzurum, Erzurum.  
 179430. No. 10032. Selection 6/946. Local white type.  
 179431. No. 10033. Selection 1/944.  
 179432. No. 10034. Selection 5/942.  
 179433. No. 10035. Selection 4/942.  
 179434. No. 10036. Selection 3/942.  
 179435. No. 10037. Selection 2/942.
179436. No. 10097. Dihok, Siirt.  
 179437 to 179441. From Umurbey, Lapseki, Canakkale.  
 179437. No. 10108. *Arsin*.  
 179438. No. 10109. *Cali*. Broad green pods.  
 179439. No. 10111. *Barbunya Siriksiz*.



**179157 to 179582—Continued****179400 to 179445—Continued****179437 to 179441—Continued**179440. No. 10114. *Horoz*.179441. No. 10117. *Sirik Aysckadin*.

179442. No. 10335. Polatli, Ankara.

179443. No. 10371. *Oturak*. Gemlik, Bursa.179444. No. 10375. *Barbunya*. Gemlik, Bursa.179445. No. 10376. *Kinali Burbunya*. Gemlik, Bursa.**179446 and 179447. PIMPINELLA ANISUM L. Apiaceae.****Anise.**

179446. No. 5827. Sarkoy, Tekirdag. Oct. 21.

179447. No. 9492. Seed dealer, Kutahya, Kutahya. Sept. 25.

**179448 to 179461. PISUM SATIVUM L. Fabaceae.****Pea.**

179448. No. 5668. Yukari Danurlu, Carsamba, Samsun. June 20.

179449. No. 5939. *Kulur*. Kizilveren, Kagizman, Kas. Aug. 20.

179450. No. 9747. Market, Damascus, Syria. Oct. 18. English bush type.

179451. No. 9749. Damascus, Syria. Pole type.

179452. No. 9804. *Senateur*. Damascus. French type.

179453. No. 9875. Market, Baghdad, Iraq. Oct. 30.

**179454 to 179460. From the Erzurum Seed Improvement Station, Erzurum, Erzurum.**

179454. No. 10067. Selection 266/1.

179455. No. 10068. Selection 3/944.

179456. No. 10069. Selection 2/944.

179457. No. 10070. Selection 4/942.

179458. No. 10071. Selection 3/942.

179459. No. 10072. Selection 2/942.

179460. No. 10073. Selection 1/942.

179461. No. 10130. Karamelik, Ercis, Van.

**179462. PRUNUS CERASUS L. Rosaceae.****Sour cherry.**

No. 5065. Kalaba, Ankara. Aug. 23.

**179463. PRUNUS sp.**No. 4523. *Kadi*. Hayrabolu, Tekirdag. July 20. Flowering type.**179464. PRUNUS sp.**

No. 5067. Kalaba, Ankara.

**179465. PRUNUS ARMENIACA L.****Apricot.**

No. 5867. Tekirdag, Tekirdag. Oct. 22.

**179466. PYRUS COMMUNIS L. Malaceae.****Pear.**

No. 6104. Karakas, Niksar, Tokat. Oct. 22.

**179467 to 179476. RAPHANUS SATIVUS L. Brassicaceae.****Radish.**

179467. No. 4531. Mustafa Kemalpaşa, Bursa. July 20. Roots white.

179468. No. 5014. Kanari, Safranbolu, Zonguldak. Roots black.

179469. No. 5116. Malkara, Tekirdag. Local white type.

179470. No. 9759. Market, Damascus, Syria. Oct. 18. Roots large, red.

179471. No. 9872. Market, Baghdad, Iraq. Oct. 30. Roots red.

**179157 to 179582—Continued****179467 to 179476—Continued**

179472. No. 9880. Baghdad, Iraq. Roots white.  
 179473. No. 10118. Umurbey, Lapseki, Canakkale. Roots black.  
 179474. No. 10142. Marzin, Van. Winter type.  
 179475. No. 10345. Genighili, Gemlik, Bursa. Roots red.  
 179476. No. 10377. Gemlik, Bursa. Roots red.

**179477. RHUS sp. Anacardiaceae.****Sumac.**

No. 10104. Siirt Province.

**179478. RUMEX sp. Polygonaceae.**

No. 5683. Bafra, Samsun. Oct. 11.

**179479. RUMEX sp.**

No. 10303. Askale, Erzurum.

**179480. SCORZONERA sp. Asteraceae.**

No. 8842. Pulumur, Tunceli. Sept. 16. A rubber plant discovered by Irfam Iplıci, Governor of Pulumur. Sap said to contain 27 percent latex.

**179481 to 179490. SESAMUM INDICUM L. Pedaliaceae.****Sesame.**

179481. No. 4521. Faras, Hayrabolu, Tekirdag. July 20.  
 179482. No. 5817. Sarkoy, Tekirdag.  
 179483. No. 5817. Teslim, Malkara, Tekirdag. Oct. 11.  
 179484. No. 5934. Altinova, Ayvalik, Balıkesir.  
 179485. No. 9851. Market, Baghdad, Iraq. Oct. 30. Local type.  
 179486. No. 10085. Ergif, Siirt.  
 179487. No. 10098. Girdure, Erüh, Siirt.  
 179488. No. 10167. Eceabat, Canakkale.  
 179489. No. 10222. Batanlı, Edirne.  
 179490. No. 10361. Kurtul, Gemlik, Bursa.

**179491 to 179493. SETARIA ITALICA (L.) Beauv. Poaceae.****Foxtail millet.**

179491. No. 5068. Ankara, Ankara. Sept. 23.  
 179492. No. 5070. Ankara.  
 179493. No. 5085. Ankara.

**179494 to 179500. SOLANUM MELONGENA L. Solanaceae.****Eggplant.**

179494. No. 4529. Mustafa Kemalpaşa, Bursa. July 20.  
 179495. No. 4540. Mustafa Kemalpaşa. Fruit large.  
 179496. No. 4546. Mustafa Kemalpaşa. Early type.  
 179497. No. 5027. Kanari, Safranbolu, Zonguldak. Aug. 23.  
 179498. No. 5891. Baltacı Ciftliği, Yalova, Istanbul. Oct. 22.  
 179499. No. 9774. Market, Damascus, Syria. Oct. 18.  
 179500. No. 9877. Market, Baghdad, Iraq. Oct. 30.

**179501 to 179505. SORGHUM VULGARE Pers. Poaceae.**

179501. No. 4555. Mustafa Kemalpaşa, Bursa. July 20. Broomcorn.  
 179502. No. 5175. Suadiye, Kocaeli. Sept. 2. Sweet type.  
 179503. No. 5924. Altinova, Ayvalik, Balıkesir. Oct. 22. Broomcorn.  
 179504. No. 6020. Akdârî Akziyaret Bucagi, Urfa.  
 179505. No. 10084. Akdârî. Kobin, Besiri, Siirt.

## 179157 to 179582—Continued

- 179506 to 179509. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
 179506. No. 4557. Mustafa Kemalpaşa, Bursa. July 20.  
 179507. No. 9586. *Beledi*. Market, Damascus, Syria. Oct. 18. Narrow-leaved type.  
 179508. No. 9889. Market, Baghdad, Iraq. Oct. 30.  
 179509. No. 10370. *Kuzukalak*. Gemlik, Bursa.
179510. *TRIFOLIUM* sp. Fabaceae. Clover.  
 No. 9744. Market, Damascus, Syria. Oct. 18.
- 179511 to 179517. *VICIA ERVILIA* (L.) Willd. Fabaceae. Vetch.  
 179511. No. 5915. Araplar, Ayvalık, Balıkesir. Oct. 22.  
 179512. No. 5916. Altınova, Ayvalık.  
 179513. No. 5821. Sarkoy, Tekirdag. Oct. 21.  
 179514. No. 10100. Simiz, Besiri, Siirt. Local type.  
 179515. No. 10101. Rezir, Siirt.  
 179516. No. 10330. Askale, Erzurum.  
 179517. No. 10368. Gencali, Gemlik, Bursa.
- 179518 to 179547. *VICIA FABA* L. Broadbean.  
 179518. No. 4516. Tatarlı, Hayrabolu, Tekirdag. July 20. Autumn type.  
 179519. No. 4551. Mustafa Kemalpaşa, Bursa.  
 179520 to 179529. From Ankara, Ankara. July 29.  
 179520. No. 4869. 179525. No. 4879.  
 179521. No. 4871. 179526. No. 4882.  
 179522. No. 4873. 179527. No. 4899.  
 179523. No. 4874. 179528. No. 4900.  
 179524. No. 4876. 179529. No. 4893.
179530. No. 5670. Yukarı Danurlu, Carsamba, Samsun. June 28.  
 179531. No. 5728. Saidiye, Ayvacık, Canakkale.  
 179532. No. 5828. *Sakiz*. Sarkoy, Tekirdag.  
 179533. No. 5830. Kızıilveren, Kagitman, Kars. Aug. 20.  
 179534. No. 5905. Baltacı Ciftliği, Yalova, Istanbul.  
 179535. No. 5914. Araplar, Ayvalık, Balıkesir. Oct. 22.  
 179536. No. 5882. Tekirdag, Tekirdag.  
 179537. No. 5912. Altınova, Ayvalık, Balıkesir.
- 179538 to 179545. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Aug. 26.  
 179538. No. 10074. Strain 4/944. 179542. No. 10078. Strain 1/942.  
 179539. No. 10075. Strain 3/944. 179543. No. 10079. Strain 3/942.  
 179540. No. 10076. Strain 2/944. 179544. No. 10080. Strain 2/942.  
 179541. No. 10077. Strain 1/944. 179545. No. 10081. Strain 1/942.
179546. No. 10353. *Sakiz*. Umurbey, Gemlik, Bursa.  
 179547. No. 10356. Kurtul, Gemlik, Bursa.
- 179548 to 179552. *VICIA SATIVA* L. Common vetch.  
 179548. No. 5841. Bocuklu, Kagitman, Kars. Aug. 14.  
 179549. No. 6100. Niksar, Tokat. Oct. 27.

**179157 to 179582—Continued****179548 to 179552—Continued**

179550. No. 9731. Arnet, foot of Mount Hermon near Damascus, Syria. Oct. 17.

179551. No. 10328. Askale, Erzurum. Sept. 20.

179552. No. 10379. Gemlik, Bursa,

**179553 to 179559. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.**

179553. No. 5729. Saidiye, Ayvacik, Canakkale. Oct. 18.

179554. No. 5822. Sarkoy, Tekirdag.

179555. No. 5901. Laledere, Yalova, Istanbul. Oct. 22.

179556. No. 5926. Araplar, Ayvalik, Balikesir.

179557. No. 6032. Yenice, Canakkale. Oct. 25.

179558. No. 9864. Market, Baghdad, Iraq. Oct. 30.

179559. No. 10216. Inece Bucagi, Kirklareli.

**179560 to 179582. ZEA MAYS L. Poaceae. Corn.**

179560. No. 4514. Faras, Hayrabolu, Tekirdag. July 20. Seeds hard, yellow.

179561. No. 5017. Kanari, Safranbolu, Zongdulak.

179562. No. 5184. Sullu, Kandira, Kocaeli. Local type.

179563. No. 5674. Bafra, Samsun. Oct. 18. Seeds red.

179564. No. 5877. Tekirdag, Tekirdag.

179565. No. 5887. Karamurat, Malkara, Tekirdag. Oct. 22. Popcorn.

179566. No. 5917. *Diken Dari*. Altinova, Ayvalik, Balikesir.

179567. No. 5927. Araplar, Ayvalik, Balikesir. Seeds hard.

179568. No. 5918. Araplar. Popcorn. Seeds purple.

179569. No. 5943. *Darisi*. Altinova, Ayvalik.

179570. No. 6101. Restahasan, Niksar, Tokat. Oct. 27. Forty-day type.

179571. No. 6102. *Kaba*. Aptakolu, Niksar, Tokat.

**179572 to 179578. From the Erzurum Seed Improvement Station, Erzurum, Erzurum. Sept. 8.**

179572. No. 10038. Strain 2/942. 179576. No. 10042. Strain 22/942.

179573. No. 10039. Strain 6/942. 179577. No. 10043. Strain 25/945.

179574. No. 10040. Strain 7/942. 179578. No. 10044. Strain 8/942.

179575. No. 10041. Strain 23/945.

179579. No. 10237. Sehir, Sebinkarahisar, Giresun. Popcorn.

179580. No. 10243. Sehir, Sebinkarahisar, Giresun. Seeds hard.

179581. No. 10251. Guneykoy, Kesap, Giresun.

179582. No. 10349. Umurbey, Gemlik, Bursa.

**179583 to 179587.**

From Australia. Seeds presented by Prof. H. C. Trumble, University of Adelaide, Adelaide, South Australia. Received Apr. 1, 1949.

**179583 and 179584. ACACIA ANEURA F. Muell. Fabaceae.**

179583. *Australia* A. 416.

179584. A. 415.

**179585. CASSIA STURTII R. Br. Fabaceae.**

**179586. GEIJERA PARVIFLORA Lindl. Rutaceae.**

**179587. STERCULIA DIVERSIFOLIA Don. Sterculiaceae. Black kurrajong.**

**179588 to 179597. SPINACIA OLERACEA L. Chenopodiaceae Spinach.**

From Belgium. Seeds presented by Belot, Etienne & Co., Liège. Received Apr. 1, 1949.

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| <b>179588.</b> <i>Engelse Scherpzaad</i> No. 458.    | <b>179593.</b> <i>Reuzen Viroflay</i> No. 450. |
| <b>179589.</b> <i>Giant Spinach.</i>                 | <b>179594.</b> <i>Triumph</i> No. 445.         |
| <b>179590.</b> <i>Groene Van Massy</i> No. 452.      | <b>179595.</b> <i>Victoria</i> No. 446.        |
| <b>179591.</b> <i>Koning Van Denemarken</i> No. 451. | <b>179596.</b> <i>Viking</i> No. 449.          |
| <b>179592.</b> <i>Nobel</i> No. 455.                 | <b>179597.</b> <i>Winterreuzen</i> No. 454.    |

**179598 to 179609. GOSSYPIMUM. Malvaceae. Cotton.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 1, 1949.

Seeds collected in 1948 unless otherwise indicated.

**179598.** No. 10392. *Rui.* Dehra Dun, United Provinces. Nov. 9.

**179599 to 179607.** From the Rajasthan State.

**179599.** No. 10399. *Desi. Rui.* Amritsar, western Punjab. Nov. 13. Native type.

**179600.** No. 10400. *Narma Rui.* Amritsar.

**179601.** No. 10599. *Rui.* Phulera, Jaipur. Dec. 11. Plant herbaceous.

**179602.** No. 10632. *Rui.* Jodhpur City, Jodhpur. Dec. 13.

**179603.** No. 10666. *Kapas.* Jodhpur City.

**179604.** No. 10692. *Kapas.* Araba, Jodhpur. Dec. 20. Drought tolerant. Bushes 3½ to 4 feet high, well-branched. Fifteen inches of rainfall annually.

**179605.** No. 10699. *Kapas.* Marwar Mundwa, Jodhpur. Dec. 20.

**179606.** No. 10743. *Kapas.* Posalia, Sirohi. Dec. 25.

**179607.** No. 10746. *Kapas.* Posalia, Sirohi. Dec. 25. Heavy producer; plants up to 7 feet high.

**179608.** No. 10862. *Kapas.* Sidhpur, Baroda, Bombay. Jan. 11, 1949. Originally from Jodhpur Province.

**179609.** No. 10889. *Ru.* Sidhpur, Baroda, Bombay. Spindling bush 4½ feet high.

**179610. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Denmark. Seeds presented by the Danish Sugar Beet Seed Co., Copenhagen. Received Apr. 5, 1949.

**179611. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Belgium. Seeds presented by A. & C. Cornelius, Arlon. Received Apr. 5, 1949.

*Ardennes Cornelia.*

**179612. RUBUS sp. Rosaceae.**

From Canada. Plants presented by Bion T. Forse, Simcoe, Ontario. Received Apr. 5, 1949.

*Redlich.*

**179613. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From Denmark. Scions presented by Arne Sorensen, Statens Forsogsstation, Odense. Received Apr. 5, 1949.

*Sonderskov.*

**179614. ALBIZZIA PROCERA (Roxb.) Benth. Mimosaceae.**

From Puerto Rico. Seeds presented by the Forest Service, Río Piedras. Received Apr. 6, 1949.

**179615. MEDICAGO FALCATA L. Fabaceae. Yellow-flowered alfalfa.**

From Alaska. Seeds presented by H. J. Hodgson, Alaska Experimental Station, Palmer. Received Apr. 6, 1949.

**179616 to 179620. PYRUS spp. Malaceae.****Pear.**

From Canada. Scions presented by the Ontario Horticultural Experiment Station, Vineland, Ontario. Received Apr. 12, 1949.

179616. *PYRUS* sp. No. 29012.179619. *PYRUS* sp. No. 29016.179617. *PYRUS* sp. No. 29014.179620. *PYRUS* sp. No. 29018.179618. *PYRUS* sp. No. 29015.**179621 to 179757.**

From India and Pakistan. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 21, 1949.

Seeds collected in 1948 and in India, unless otherwise noted.

**179621 to 179624. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.**179621. No. 10395. *Bhindi*. Amritsar, western Punjab. Nov. 13.179622. No. 10511. *Bhindi*. Saharanpur, United Provinces. Dec. 6. Smooth, white type.179623. No. 10880. *Bhindi*. Sidhpur, Baroda, Bombay. Jan. 12, 1949.179624. No. 11057. *Bhindi*. Sihor, Kathiawar. Jan. 25, 1949.**179625 to 179627. ALLIUM CEPA L. Liliaceae.****Onion.**

179625. No. 10636. Jodhpur City, Jodhpur. Dec. 13.

179626. No. 10907. *Pujaz*. Ahmadabad, Bombay. Jan. 15, 1949. Bulbs globose, white.179627. No. 11028. *Dungali*. Bhavnagar, Kathiawar, United Provinces. Jan. 23, 1949. Globose, red and white.**179628. ALLIUM sp.**

No. 10154. Bhujeka, Tehri. Oct. 12. Altitude 10,000 feet. Plant 2 feet high with fragrant flowers.

**179629 and 179630. ARACHIS HYPOGAEA L. Fabaceae.****Peanut.**179629. No. 10630. *Mungpali*. Jodhpur City, Jodhpur. Dec. 13.179630. No. 10894. *Mungpali*. Sidhpur, Baroda, Bombay. Jan. 14, 1949. Soil sandy.**179631 and 179632. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae.****Cauliflower.**179631. No. 11034. *Phulgobi*. Bhavnagar, Kathiawar. Jan. 23, 1949. Heads of fair size and good quality.179632. No. 11041. *Phulgobi*. Sihor, Kathiawar. Jan. 24, 1949.**179633 to 179637. BRASSICA NIGRA (L.) Koch.****Black mustard.**

*Rai*, a local name for black mustard.

179633. No. 10490. Lahore, Pakistan. Dec. 1. A condiment.

179634. No. 10499. Gurdaspur, northwestern Punjab. Dec. 2.

179635. No. 10607. Phulera, Jaipur. Dec. 11.

179636. No. 10643. Jodhpur City, Jodhpur. Dec. 14.

179637. No. 10671. Pokaran, Jodhpur. Dec. 18.

**179621 to 179757—Continued****179638. BRASSICA RAPA L.****Turnip.**No. 10529. *Shelgham*. Saharanpur, United Provinces. Dec. 6. Reported to be white.**179639. BRASSICA RAPA L.****Turnip.**No. 10645. *Sheljam*. Jodhpur City, Jodhpur. Dec. 15. Roots globose, red.**179640. BRASSICA sp.**No. 10491. *Sarson*. Lahore, Pakistan. Dec. 1. Oilseed.**179641. BRASSICA sp.**No. 10507. *Sarson*. Amritsar, western Punjab. Dec. 5. Oilseed.**179642. BRASSICA CAMPESTRIS L.**No. 10544. *Shai*. Shim, Kulu Valley, eastern Punjab. Nov. 20. Altitude 5,000 feet. Oilseed.**179643. BRASSICA sp.**No. 10555. *Shai*. Fojal, Kulu Valley. Dec. 21. Altitude 5,500 feet. Oilseed.**179644. BRASSICA sp.**No. 10701. *Rai*. Marwar Mundwa, Jodhpur. Dec. 20.**179645. BRASSICA sp.**No. 10702. *Pili Sarson*. Marwar Mundwa, Jodhpur. Oilseed.**179646. BRASSICA sp.**No. 10707. *Sarson*. Bhadana, Jodhpur. Dec. 20.**179647. BRASSICA sp.**No. 10721. *Rai*. Sajjan road, Sirohi. Dec. 24. Oilseed.**179648. BRASSICA sp.**No. 10727. *Sarson*. Sirohi, Sirohi. Dec. 25. Oilseed.**179649. BRASSICA sp.**No. 10740. *Rai*. Posalia, Sirohi. Dec. 25. Culinary oil.**179650. BRASSICA sp.**No. 10755. *Sarson*. Posalia, Sirohi. Oilseed.**179651. BRASSICA sp.**No. 10877. *Raira*. Sidhpur, Baroda, Bombay. Jan. 12, 1949. Condiment.**179652. BRASSICA sp.**No. 10881. *Sarson*. Sidhpur, Baroda, Bombay. Oilseed.**179653. BRASSICA sp.**No. 10911. *Rai*. Ahmadabad, Bombay. Jan. 14, 1949. Oilseed.**179654. BRASSICA sp.**No. 11077. *Rai*. Sihor, Kathiawar. Jan. 27, 1949. Oilseed.**179655. CAJANUS CAJAN (L.) Druce. Fabaceae.****Pigeonpea.**No. 10920. *Tur*. Ahmadabad, Bombay. Jan. 15, 1949.**179656 to 179658. CAPSICUM FRUTESCENS L. Solanaceae.****Redpepper.****179656.** No. 10526. *Mirch*. Saharanpur, United Provinces. Dec. 6. Fruit red, and pungent.**179657.** No. 10655. *Mirch*. Jodhpur City. Dec. 15. Fruit tapered, 3 by 1½ inches, red; flesh sweet; seeds mild.**179658.** No. 10882. *Mirch*. Sidhpur, Baroda, Bombay. Jan. 12, 1949. Fruit ¾ by 3 inches, red; flesh pungent.

## 179621 to 179757—Continued

179659. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**  
No. 10885. *Wantak*. Sidhpur, Baroda, Bombay. Fruit long and purplish.
- 179660 to 179662. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**  
179660. No. 10518. *Tinda*. Saharanpur, United Provinces. Dec. 6. Green type.  
179661. No. 10660. *Matira*. Pipar, Jodhpur. Dec. 15.  
179662. No. 10917. *Kolangra*. Ahmadabad, Bombay. Jan. 15, 1949.
179663. *COCCINIA* sp. Cucurbitaceae. **Ivy-gourd.**  
No. 10330. *Kankoli*. Taffi, Tehri. Nov. 1. Altitude 5,000 feet.
179664. *COTONEASTER* sp. Malaceae.  
No. 10575. Rorong Pass, Kangra District, eastern Punjab. Nov. 30. Altitude 14,000 feet. Plant prostrate with very attractive crimson fruits.
179665. *CROTALARIA JUNCEA* L. Fabaceae. **Sunn-hemp.**  
No. 10890. *Huturi*. Sidhpur, Baroda, Bombay. Jan. 14, 1949. Drought-stunted plants 4 feet high; grows normally to 7 feet. Fiber plant.
- 179666 to 179675. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**  
179666. No. 10525. *Kharbuza*. Saharanpur, United Provinces. Dec. 6.  
179667. No. 10641. *Kharbuza*. Jodhpur City, Jodhpur. Dec. 14.  
179668. No. 10895. *Kharbuza*. Sidhpur, Baroda, Bombay. Jan. 14, 1949.  
179669. No. 10896. *Kakri*. Sidhpur, Baroda. Fruit long and ridged.  
179670. No. 11035. *Teti*. Bhavnagar. Kathiawar. Jan. 23, 1949. Mixture.  
179671 to 179675. From Sihor, Kathiawar, United Provinces. Jan. 26, 1949.  
179671. No. 11061. *Teti*. Fruit flattened, 7 by 4 inches, traces of netting, deeply ribbed, lemon with green ribs; flesh salmon.  
179672. No. 11062. *Teti*. Fruit subglobose, 6 inches in diameter, traces of netting, golden-brown with dark blotches; flesh cream.  
179673. No. 11066. *Teti*. Fruit flattened, 5 by 3½ inches, with large scar, smooth, orange-brown with yellow stripes; flesh pale-salmon.  
179674. No. 11077-A. *Teti*. Fruit elongate, 9 by 4 inches, smooth, golden-brown with yellow and green blotches; flesh pale-salmon.  
179675. No. 11078. *Teti*. Fruit flattened, 5½ by 3 inches, coarse netting, orange-brown with whitish ribs; flesh pale-salmon.
- 179676 to 179678. *CUCUMIS SATIVUS* L. **Cucumber.**  
179676. No. 10653. *Kakri*. Jodhpur, Jodhpur. Dec. 15.  
179677. No. 11080. *Chibora*. Sihor, Kathiawar, United Provinces. Jan. 27, 1949. Wild type.  
179678. No. 11441. Oria, Mount Abu. Jan. 2, 1949.
179679. *CUCUMIS* sp.  
No. 10659. *Kachbra*. Pipar, Jodhpur. Dec. 15. Wild type.
179680. *CUCUMIS* sp.  
No. 10647. *Kachbra*. Jodhpur City, Jodhpur. Dec. 15. Wild; growing in desert.
179681. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**  
No. 10879. *Kala*. Sidhpur, Baroda, Bombay. Jan. 12, 1949.
- 179682 to 179686. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**  
179682. No. 10609. *Phulera*, Jaipur. Dec. 11.  
179683. No. 10676. *Pokaran*, Jodhpur. Dec. 18. Tender pods dried for winter.



## 179621 to 179757—Continued

## 179682 to 179686—Continued

179684. No. 10705. Marwar Mundwa, Jodhpur. Dec. 20.

179685. No. 10720. Luni Junction, Jodhpur. Dec. 23.

179686. No. 10910. Ahmadabad, Bombay. Jan. 15, 1949.

179687. *DAUCUS CAROTA* L. Apiaceae.

**Carrot.**

No. 10657. *Gajar*. Pipar, Jodhpur. Dec. 15. Roots black and long.

179688. *DOLICHOS BIFLORUS* L. Fabaceae.

No. 10747. *Kolat*. Posalia, Sirohi. Dec. 25.

179689 and 179690. *DAUCUS CAROTA* L. Apiaceae.

**Carrot.**

179689. No. 10887. *Gajar*. Sidhpur, Baroda, Bombay. Jan. 13, 1949. Roots orange to purple.

179690. No. 10904. *Gajar*. Ahmadabad, Bombay. Jan. 14, 1949. Roots orange and black.

179691. *DACTYLIS GLOMERATA* L. Poaceae.

**Orchard grass.**

No. 9979. Gangi, Tehri. Sept. 21. Meadow grass up to 4 feet high common in forest openings.

179692. *HIBISCUS CANNABINUS* L. Malvaceae.

**Kenaf.**

No. 10736. *Ambari*. Sirohi City, Sirohi. Dec. 25. Reported to make durable sacks after 3 weeks retting.

179693. *ERUCA SATIVA* Mill. Brassicaceae.

**Rocket-salad.**

No. 10398. *Taramisa*. Amritsar, western Punjab. Nov. 13.

179694. *FRITILLARIA* sp. Liliaceae.

No. 10029. Chitona, Tehri. Sept. 29. Flowers wine-colored.

179695. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae.

**Singkwa towelgourd.**

No. 11073. *Tora*. Sihor, Kathiawar. Jan. 27, 1949. Esteemed vegetable when tender; fried in butter, flavored with garlic.

179696 and 179697. *LUFFA AEGYPTIACA* Mill.

**Suakwa towelgourd.**

Sihor, Kathiawar, United Provinces. Jan. 27, 1949.

179696. No. 11075. *Galka*. Vegetable.

179697. No. 11076. *Galka*.

179698. *LACTUCA* sp. Asteraceae.

**Lettuce.**

No. 9999. Genwali, Tehri. Sept. 24. Altitude 8,000 feet. Forest plant 3 feet high; flowers purple.

179699. *LESPEDEZA* sp. Fabaceae.

No. 10314. Lechiwala, United Provinces. Oct. 29. Altitude 2,000 feet. Along forest road.

179700. *LINUM USITATISSIMUM* L. Linaceae.

**Flax.**

No. 10673. *Alsi*. Pokaran, Jodhpur. Dec. 18. Oilseed.

179701. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

No. 10308. Saratal, Tehri. Oct. 23. Altitude 9,000 feet. Handsome tree, 2 feet in diameter.

179702. *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

No. 10886. *Lachaka*. Sidhpur, Baroda, Bombay. Jan. 13, 1949.

179703. *PHASEOLUS AUREUS* Roxb. Fabaceae.

**Mung bean.**

No. 10537. *Mung*. Shim, Kulu Valley, eastern Punjab. Nov. 20.

## 179621 to 179757—Continued

- 179704.** PHASEOLUS ACONITIFOLIUS Jacq. **Moth bean.**  
No. 10665. *Mot.* Jodhpur City, Jodhpur. Dec. 18.
- 179705.** PHASEOLUS AUREUS Roxb. **Mung bean.**  
No. 10678. *Mung*, Pokaran, Jodhpur. Dec. 18.
- 179706.** PHASEOLUS ACONITIFOLIUS Jacq. **Moth bean.**  
No. 10697. *Mot.* Araba, Jodhpur. Dec. 20.
- 179707 and 179708.** PHASEOLUS AUREUS Roxb. **Mung bean.**  
**179707.** No. 10742. *Mung.* Posalia, Sirohi. Dec. 25.  
**179708.** No. 10748. *Mung.* Posalia, Sirohi.
- 179709.** PHASEOLUS ACONITIFOLIUS Jacq. **Moth bean.**  
No. 10874. *Mot.* Sidhpur, Baroda. Jan. 11, 1949.
- 179710 to 179712.** PHASEOLUS AUREUS Roxb. **Mung bean.**  
**179710.** No. 10915. *Mung.* Ahmadabad, Bombay. Jan. 15, 1949.  
**179711.** No. 10315. *Urud.* Rikikesh, United Provinces. Oct. 30.  
**179712.** No. 10679. *Urud.* Pokaran, Jodhpur. Dec. 18.
- 179713.** PHASEOLUS MUNGO L. **Urd.**  
No. 10905. *Urud.* Ahmadabad, Bombay. Jan. 15, 1949.
- 179714 to 179717.** PHASEOLUS VULGARIS L. **Common bean.**  
**179714.** No. 10519. *Frasbin.* Saharanpur, United Provinces. Dec. 6.  
**179715.** No. 10539. *Rong.* Shim, Kulu Valley, eastern Punjab. Nov. 20.  
**179616.** No. 10902. *Bal.* Ahmadabad, Bombay. Jan. 15, 1949.  
**179717.** No. 10903. *Bal.* Ahmadabad, Bombay.
- 179718.** PINUS PEUCE Griseb. Pinaceae. **Macedonian pine.**  
No. 10548. *Kail.* Fojal, Kulu Valley, eastern Punjab. Altitude 5,000 feet.
- 179719.** POA sp. Poaceae.  
No. 9977. Gangi, Tehri. Sept. 20. Altitude 8,000 feet. Growing along forest path.
- 179720.** PRUNUS sp. Rosaceae.  
No. 10341. Diar, Tehri. Altitude 10,000 feet.
- 179721 to 179724.** PISUM SATIVUM L. Fabaceae. **Pea.**  
**179721.** No. 10855. Abu Road, Sirohi. Jan. 9, 1949.  
**179722.** No. 10898. Ahmadabad, Bombay. Jan. 15, 1949.  
**179723.** No. 10899. Ahmadabad.  
**179724.** No. 10900. Ahmadabad.
- 179725 to 179728.** RAPHANUS SATIVUS L. Brassicaceae. **Radish.**  
*Muli*, a local name.  
**179725.** No. 10888. Sidhpur, Baroda, Bombay. Jan. 13, 1949. Roots long, white.  
**179726.** No. 10906. Ahmadabad, Bombay. Jan. 15, 1949. Roots long, white.  
**179727.** No. 10513. Saharanpur, United Provinces. Dec. 6.  
**179728.** No. 10651. Jodhpur City, Jodhpur. Dec. 15. Roots long, white.
- 179729 to 179733.** RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**  
**179729.** No. 10394. *Harind.* Amritsar, western Punjab. Nov. 13. Oil-seed.

## 179621 to 179757—Continued

## 179729 to 179733—Continued

179730. No. 10635. *Erand*. Jodhpur City, Jodhpur. Dec. 13. Oilseed.

179731. No. 10688. *Irindia*. Pokaran, Jodhpur. Dec. 18.

179732. No. 10741. *Irindia*. Posalia, Sirohi. Dec. 25. Tree 5 inches in diameter and 20 feet high.

179733. No. 10908. *Irind*. Ahmadabad, Bombay. Jan. 15, 1949. Oilseed.

179734 to 179742. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

179734. No. 10606. *Til*. Phulera, Jaipur. Dec. 11. Oilseed.

179735. No. 10619. *Til*. Jodhpur City, Jodhpur. Dec. 12. Oilseed.

179736. No. 10620. *Til*. Jodhpur City, Jodhpur.

179737. No. 10662. Rohit, Jodhpur. Dec. 16. Wild plant of desert, 2½ feet high.

179738. No. 10723. *Til*. Sajjan Road, Sirohi. Dec. 24.

179739. No. 10729. *Safad*. Sirohi, Sirohi. Dec. 25.

179740. No. 10737. *Til*. Posalia, Sirohi. Dec. 25.

179741. No. 10876. *Tal*. Sidhpur, Baroda, Bombay. Jan. 12, 1949. Oilseed.

179742. No. 10878. *Tal*. Sidhpur, Baroda. Jan. 9, 1949. Oilseed.

179743. *SMILAX* sp. Liliaceae.

Greenbrier.

No. 10220. Pali, Tehri. Oct. 17. Altitude 6,000 feet. Climbing in thicket; many handsome crimson fruits.

179744. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 10883. *Wantak*. Sidhpur, Baroda, Bombay. Jan. 13, 1949. Fruit round, 4 inches in diameter.

179745. *SOLANUM* sp.

No. 10804. Anadra, Sirohi. Dec. 31. Xerophytic plant, 4 feet tall, bushy, fruit-laden.

179746. *SOLANUM* sp.

No. 10891. Sidhpur, Baroda. Jan. 14, 1949. Growing on desert; fruit ¾ inch in diameter, yellow, globose.

179747. *SORGHUM* sp. Poaceae.

No. 10696. *Javar*. Araba, Jodhpur. Dec. 20. Sweet stalk.

179748 to 179751. *SORGHUM VULGARE* Pers.

*Juar*, a local name.

179748. No. 10622. Jodhpur City, Jodhpur. Dec. 12. Sweet-stalked.

179749. No. 10658. Pipar, Jodhpur. Dec. 15. Sweet cane.

179750. No. 10751. Posalia, Sirohi. Dec. 25. Sweet-stalked; fodder type.

179751. No. 10864. Sidhpur, Baroda. Jan. 11, 1949.

179752. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

Catjang.

No. 10625. *Chawla*. Jodhpur City, Jodhpur. Dec. 12.

179753 and 179754. *VIGNA SINENSIS* (Torner) Šavi.

Cowpea.

179753. No. 10759. *Chaula*. Posalia, Sirohi. Dec. 25.

179754. No. 10912. *Chaula*. Ahmadabad, Bombay. June 15.

## 179755 to 179757. From Ahmadabad, Bombay. June 15.

179755. *VIGNA CYLINDRICA* (L.) Skeels.

Catjang.

No. 10913. *Chaula*.

**179621 to 179757—Continued****179755 to 179757—Continued**

179756. *VIGNA SINENSIS* (Torner) Savi. Cowpea.  
No. 10914. *Chaula*.
179757. *VIGNA CYLINDRICA* (L.) Skeels. Catjang.  
No. 10918. *Chaula*.

**179758 to 179779.**

From India. Seeds presented by the millet specialist, Coimbatore. Received Apr. 8, 1949.

- 179758 and 179759. *PANICUM MILIACEUM* L. Poaceae. Proso.
179758. Ser. No. 22. Selection No. P. V. 36.
179759. Ser. No. 21. Selection No. P V 31.
- 179760 and 179761. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.
179760. Ser. No. 19. Selection No. Tenai Co. 1.
179761. Ser. No. 20. Selection No. Tenai Co. 2.
179762. *SORGHUM VULGARE* var. *DURRA* (Forsk.) Hubb. & Rehder. Poaceae.
- Ser. No. 1. Selection No. Cholan Co. 1.
- 179763 and 179764. *SORGHUM VULGARE* var. *ROXBURGHII* (Stapf) Haines.
179763. Ser. No. 2. Selection No. Cholan Co. 2.
179764. Ser. No. 3. Selection No. Cholan Co. 3.
- 179765 to 179770. *SORGHUM SUBGLABRESCENS* (Steud.) Schweinf. & Aschers.
179765. Ser. No. 4. Selection No. Cholan Co. 4.
179766. Ser. No. 5. Selection No. Cholan Co. 5.
179767. Ser. No. 6. Selection No. Cholan Co. 6.
179768. Ser. No. 7. Selection No. Cholan Co. 7.
179769. Ser. No. 8. Selection No. Cholan Co. 8.
179770. Ser. No. 9. Selection No. Cholan Co. 9.
- 179771 and 179772. *SORGHUM VULGARE* Pers.
179771. Ser. No. 10. Selection No. Cholan Co. 10.
179772. Ser. No. 11. Selection No. Cholan Co. 11.
- 179773 and 179774. *SORGHUM CERNUUM* (Ard.) Host.
179773. Ser. No. 12. Selection No. Jonna H.1.
179774. Ser. No. 13. Selection No. Jonna M. 47-3.
- 179775 to 179779. *SORGHUM VULGARE* Pers.
179775. Ser. No. 14. Selection No. Jonna N.1.
179776. Ser. No. 15. Selection No. Jonna N.2.
179777. Ser. No. 16. Selection No. Jonna N.3.
179778. Ser. No. 17. Selection No. Jonna N.4.
179779. Ser. No. 18. Selection No. Jonna N.5.

**179780 to 179796.**

From the Union of South Africa. Seeds presented by the American Legation, Pretoria, Transvaal. Received Mar. 25, 1949.

179780. *ASPALATHUS ELONGATA* Eckl. & Zeyh. Fabaceae.
179781. *ASPALATHUS GALEATA* E. Mey.
179782. *COMBRETUM* sp. Combretaceae.

**179780 to 179796—Continued**

179783. COMBRETUM sp.

179784. COMBRETUM sp.

179785. EHRHARTA CALYCINA J. E. Smith. Poaceae. **Perennial veldtgrass.**

179786. EHRHARTA REHMANNII Stapf.

179787. HELICHRYSUM ERICAEFOLIUM Less. Asteraceae.

179788. INDIGOFERA PSORALEOIDES L. Fabaceae.

179789. MONTINIA CARYOPHYLLACEA Thunb. Saxifragaceae.

179790. PSILOCAULON ABSIMILE N. E. Br. Aizoaceae. **Mesembryanthemum.**Shrubby plant, closely related to *Mesembryanthemum*, up to 2 feet high, with small subulate leaves and cymes of small white flowers.

179791. SUTHERLANDIA sp. Fabaceae.

179792. WIBORGIA ARMATA Harv. Fabaceae.

179793. WIBORGIA OBCORDATA Thunb.

179794. WIBORGIA sp.

179795. WIBORGIA sp.

179796. WIBORGIA sp.

**179797 to 179808. SACCHARUM. Poaceae. Sugarcane.**

From Puerto Rico. Cuttings presented by the University of Puerto Rico Agricultural Experiment Station, Rio Piedras. Received Apr. 11, 1949.

179797. C-4-1.

179803. C-4-7.

179798. C-4-2.

179804. C-4-8.

179799. C-4-3.

179805. C-4-9.

179800. C-4-4.

179806. C-4-10.

179801. C-4-5.

179807. C-4-11.

179802. C-4-6.

179808. C-4-12.

**179809. CERATONIA SILIQUA L. Fabaceae. Carob.**

From Turkey. Seeds presented by Charles R. Enlow, Ankara. Received Apr. 11, 1949.

**179810 to 179815.**

From Canada. Plants presented by O. A. Bradt, Vineland Station, Ontario. Received Apr. 11, 1949.

179810 to 179812. PRUNUS PERSICA (L.) Batsch. Rosaceae. **Peach.**

179810. No. 370146.

179811. No. 370147.

179812. No. 370224.

179813. PRUNUS.

No. 330214.

179814. PRUNUS.

No. 33021.

179815. VITIS VINIFERA L. Vitaceae. **European grape.**

No. 29186.

**179816. PRUNUS sp. Rosaceae.**

From Algeria. Scions presented by an unknown donor. Received Apr. 12, 1949.

**179817 to 179821. Gossypium. Malvaceae.****Cotton.**

From Ecuador. Seeds obtained by the Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 21, 1949.

179817. No. 1. *Bolsa De Toro*.179820. No. 4. *Silvestre*.179818. No. 2. *Criollo*.179821. No. 5. *Acala 111*. (American upland.)

179819. No. 3. Variable.

**179822. Glycine max (L.) Merr. Fabaceae.****Soybean.**

From Germany. Seeds presented by Dr. Burklin-Wolf, Wachenheim. Received Apr. 12, 1949.

*Wachenheimer Gelbe*.**179823 to 179827. Glycine max (L.) Merr. Fabaceae.****Soybean.**

From China. Seeds obtained through the Regional Soybean Laboratory, Urbana, Ill. Received Apr. 12, 1949.

179823. *Changteh*. Honan Province.179826. *Peiping*. Peiping.179824. *Chi Wu*. Shensi Province.

179827. Yellow. Shantung Province.

179825. *Paoting*. Paoting, Hupeh.**179828 to 179832.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Apr. 12, 1949.

179828. *Dracaena draco* L. Liliaceae.**Dragontree.**179829. *Acanthorhiza* sp. Phoenicaceae.**Palm.**179830. *Tecoma spectabilis* Planch. & Linden. Bignoniaceae.179831. *Melaleuca hypericifolia* J. E. Sm. Myrtaceae.179832. *Eucalyptus leucoxylon* F. Muell. Myrtaceae.**White ironbark.***Rosea*.**179833 to 179836. Mangifera indica L. Anacardiaceae. Mango.**

From Honduras. Budwood presented by Wilson Popenoe, Tela. Received Apr. 8, 1948. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Apr. 13, 1949.

179833. *Aroemansis*.179835. *Golek*.179834. *Gadocnse*.179836. *Madoc*.**179837. Festuca arundinacea Schreb. Poaceae.****Tall fescue.**

From New Zealand. Seeds presented by the New Zealand Department of Agriculture, Wellington. Received Apr. 13, 1949.

**179838 to 180016.**

From India and Pakistan. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 14, 1949.

Collected in 1948 and in India unless otherwise indicated.

179838 to 179840. *Abelmoschus esculentus* (L.) Moench. Malvaceae. **Okra.**179838. No. 10404. *Bhindi*. Amritsar, western Punjab. Nov. 14. Fruits 5 inches long.179839. No. 10508. *Bhindi*. Saharanpur, United Provinces. Dec. 6.179840. No. 10652. *Bhindi*. Jodhpur City, Jodhpur. Dec. 15.179841. *Allium cepa* L. Liliaceae.**Onion.**No. 11052. *Dungali*. Sihor, Kathiawar. Jan. 25, 1949.

## 179838 to 180016—Continued

- 179842 and 179843. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**  
 179842. No. 10639. *Mungpali*. Jodhpur City, Jodhpur. Dec. 13.  
 179843. No. 11068. *Ling*. Sihor, Kathiawar. Jan. 26, 1949.
- 179844 and 179845. *BETA VULGARIS* L. Chenopodiaceae. **Beet.**  
 179844. No. 10515. *Palak*. Saharanpur, United Provinces. Dec. 6.  
 179845. No. 10648. *Palak*. Jodhpur City, Jodhpur. Dec. 15.
179846. *BRASSICA* sp. Brassicaceae.  
 No. 10396. *Rai*. Amritsar, western Punjab. Nov. 13. Used as spice.
179847. *BRASSICA* sp.  
 No. 10397. *Toriya*. Amritsar, western Punjab. Oilseed.
179848. *BRASSICA* sp.  
 No. 10489. *Toria*. Lahore, Pakistan. Dec. 1. Oilseed.
179849. *BRASSICA* sp.  
 No. 10500. *Sarson*. Gurdaspur, eastern Punjab. Dec. 3. Oilseed.
179850. *BRASSICA JUNCEA* (L.) COSS. **Chinese mustard.**  
 No. 10503. *Rai*. Lahore, Pakistan. Dec. 1. Condiment.
179851. *BRASSICA* sp.  
 No. 10542. Shim, Kulu Valley, eastern Punjab. Nov. 20. Altitude 5,000 feet. Condiment.
179852. *BRASSICA* sp.  
 No. 10580. *Shai*. Solang, Kulu Valley, eastern Punjab. Dec. 1. Altitude 9,000 feet.
179853. *BRASSICA* sp.  
 No. 10608. *Sarson*. Phulera, Jaipur. Dec. 11. Oilseed.
179854. *BRASSICA JUNCEA* (L.) COSS. **Chinese mustard.**  
 No. 10633. *Rai*. Jodhpur City, Jodhpur. Dec. 13.
179855. *BRASSICA* sp.  
 No. 10637. *Rai*. Jodhpur City. Condiment.
179856. *BRASSICA* sp.  
 No. 10672. *Sarson*. Pokaran, Jodhpur. Dec. 18. Oilseed.
179857. *BRASSICA* sp.  
 No. 10708. *Rai*. Bhadana, Jodhpur. Dec. 20.
179858. *BRASSICA* sp.  
 No. 10722. *Sarson*. Sajjan Road, Sirohi. Dec. 24. Oilseed.
179859. *BRASSICA* sp.  
 No. 10734. *Rai*. Sirohi, Sirohi. Dec. 25. Condiment.
179860. *BRASSICA* sp.  
 No. 11024. Bhavnagar, Kathiawar. Jan. 23, 1949.
179861. *BRASSICA NIGRA* (L.) KOCH. **Black mustard.**  
 No. 10531. *Rai*. Saharanpur, United Provinces. Dec. 6. Condiment.
- 179862 and 179863. *BRASSICA RAPA* L. **Turnip.**  
 179862. No. 10498. *Gungalu*. Lahore, Pakistan. Dec. 1. Roots flat, red.  
 179863. No. 10530. *Shelgham*. Saharanpur, United Provinces. Nov. 6. Purpletop.

## 179838 to 180016—Continued

179864 to 179872. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

179864. No. 10523. *Mirch*. Saharanpur, United Provinces. Dec. 6. Fruit long, yellow.

179865. No. 10527. Saharanpur. United Provinces.

179866. No. 10602. *Phulera*, Jaipur. Dec. 11. Fruit bullnosed, red; flesh mild, unusually tender.

179867. No. 10649. Jodhpur City, Jodhpur. Dec. 15. Fruit elongate, 7 by  $1\frac{1}{4}$  inches, tapered, red; flesh tender, sweet; seeds mildly pungent.

179868. No. 10654. Jodhpur City, Jodhpur.

179869. No. 10763. Munadir, Sirohi. Dec. 26.

179870. No. 11033. Bhavnagar, Kathiawar. Jan. 23, 1949. Fruit 5 by  $\frac{5}{8}$  inches, red, hot.

179871. No. 11074. Sihor, Kathiawar. Jan. 27, 1949. Fruit bullnosed, 4 to 5 inches by 2 to  $2\frac{1}{2}$  inches, crimson, sweet.

179872. No. 11075-A. Sihor, Kathiawar. Fruit tapered, red,  $3\frac{1}{2}$  by 2 inches; flesh sweet; seeds sweet to hot.

179873. *CITRULLUS* sp. Cucurbitaceae.

No. 10664. *Tumba*. Rohit, Jodhpur. Dec. 16. Fruit globose,  $3\frac{1}{2}$  inches in diameter, yellow. A desert plant.

179874. *CITRULLUS* sp.

No. 10600. *Phulera*. Jaipur. Dec. 11. Wild in desert. Fruit globose,  $2\frac{1}{2}$  inches in diameter, yellow faintly lined with paler yellow.

179875 to 179886. *CITRULLUS VULGARIS* Schrad. **Watermelon.**

179875. No. 10517. *Tinda*. Saharanpur, United Provinces. Dec. 6.

179876. No. 10650. *Matira*. Jodhpur City, Jodhpur. Dec. 15. Fruit sub-globose, 9 inches long, grass-green striped with paler green; rind  $\frac{1}{4}$  inch thick; flesh rose-colored.

179877. No. 10670. *Matira*. Pokaran, Jodhpur. Dec. 18. Grown in desert.

179878. No. 10687. *Matira*. Pokaran, Jodhpur.

179879. No. 10694. *Matira*. Araba, Jodhpur. Dec. 20.

179880. No. 10703. *Matira*. Marwar Mundwa, Jodhpur. Dec. 20. Sweet.

179881. No. 10993. *Kalinga*. Bhavnagar, Kathiawar. Jan. 2, 1949. Fruit globose, 7 inches in diameter, black-green; rind  $\frac{1}{4}$  inch thick; flesh deep-rose, sweet.

179882. No. 11030. *Tarbuch*. Bhavnagar, Kathiawar. Fruit globose, grass-green vermiculated with darker green; rind  $\frac{3}{4}$  inch thick; flesh rose, good quality.

179883. No. 11031. *Tarbuch*. Bhavnagar, Kathiawar. Fruit globose, 7 inches in diameter, grass-green ribbed with black green; rind  $\frac{3}{8}$  inch thick; flesh rose.

179884. No. 11032. *Tarbuch*. Bhavnagar, Kathiawar. Fruit globose, 7 inches in diameter, sea-green and more or less vermiculated with darker green; rind  $\frac{3}{8}$  inch thick; flesh pink.

179885. No. 11059. *Tarbuch*. Sihor, Kathiawar. Jan. 25, 1949. Fruit globose, 8 inches in diameter, grass-green lined and mottled with darker green; rind  $\frac{3}{4}$  inch thick; flesh rose.

179886. No. 11060. *Tarbuch*. Sihor, Kathiawar. Fruit globose, black-green; flesh rose.

179887 to 179918. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

179887. No. 10524. *Kharbuza*. Saharanpur, United Provinces. Dec. 6. Sweet type.



## 179838 to 180016—Continued

## 179887 to 179918—Continued

179888. No. 10646. *Kharbuza*. Jodhpur City, Jodhpur. Dec. 15.
179889. No. 10661. *Kachhra*. Pipar, Jodhpur. Dec. 15. Wild.
179890. No. 10675. *Kharbuza*. Pokaran, Jodhpur. Dec. 18.
179891. No. 10750. *Kharbuza*. Posalia, Sirohi. Dec. 25.
179892. No. 11000. *Teti*. Bhavnagar, Kathiawar. Jan. 22, 1949. Fruit subglobose, 6½ inches in diameter, heavily ribbed, lemon; flesh salmon, insipid.
179893. No. 11001. *Teti*. Bhavnagar, Kathiawar. Fruit elongate, 9 by 4 inches, smooth, pale-yellow handsomely blotched and spotted with yellow brown; flesh pale-lemon mixed with salmon, sourish.
- 179894 to 179901. From Bhavnagar, Kathiawar. Jan. 22 and 23, 1949.
179894. No. 11002. Fruit flattened, 5 by 2¼ inches, heavily netted, lemon; flesh salmon, insipid.
179895. No. 11003. *Teti*. Fruit flattened, 5 by 3½ inches, deeply ribbed, smooth, lemon-green finely dotted and blotched with yellow brown; flesh green.
179896. No. 11004. Fruit globose, heavily netted, lemon with broad green rib stripes, blotched with brown; flesh salmon.
179897. No. 11021. Fruit globose, smooth, with orange and lemon broken stripes; flesh pale-salmon, insipid.
179898. No. 11022. Fruit elongate, 7 by 5 inches, weakly ribbed, yellow, rust mottled and splashed with purplish brown; flesh green.
179899. No. 11025. *Teti*. Fruit globose, 5½ inches in diameter, coarse netting, lemon; flesh salmon.
179900. No. 11026. *Teti*. Fruit globose, 5 inches in diameter, netted, lemon-green.
179901. No. 11027. *Teti*. Fruit flattened, 4¼ by 2½ inches, smooth, yellow blotched with golden brown; flesh pale-salmon.
- 179902 to 179918. From Sihor, Kathiawar. Jan. 24 to 26, 1949.
179902. No. 11037. *Teti*. Fruit globose, smooth, ribs indented, mahogany-brown with broken ribs of yellow; flesh salmon-tinted.
179903. No. 11038. *Teti*. Fruit elongate, 6 by 4 inches, smooth, russet-yellow mottled and lined with yellow; flesh white.
179904. No. 11039. *Teti*. Fruit pyriform, 6 inches in diameter, smooth, brown; flesh salmon-tinted.
179905. No. 11040. *Teti*. Fruit globose, flattened at ends, 6 inches in diameter, smooth, red-brown; flesh salmon-tinted.
179906. No. 11042. *Teti*. Fruit subglobose, 6 inches in diameter, smooth, ribbed and blotched with pale yellow; flesh salmon-tinted.
179907. No. 11043. *Teti*. Fruit subglobose, 5 inches in diameter, smooth, orange-brown marbled with yellow; flesh salmon-tinted.
179908. No. 11044. *Teti*. Fruit ovoid, 8 inches in diameter, smooth, rose-purple blotched with green; flesh cream.
179909. No. 11045. *Teti*. Fruit elongate, 8 by 11½ inches, smooth, broad broken bands of green brown blending into narrower ones of yellow; flesh white.
179910. No. 11046. *Teti*. Fruit elongate, smooth, dark-brownish-green, marbled with pale lemon; flesh greenish-white.
179911. No. 11063. *Teti*. Fruit ellipsoid, 9 inches in diameter, smooth, yellow; flesh half green, half salmon.
179912. No. 11064. *Teti*. Fruit ovoid, smooth, cream; flesh salmon.

## 179838 to 180016—Continued

## 179887 to 179918—Continued

## 179902 to 179918—Continued

179913. No. 11065. *Teti*. Fruit globose, 5 inches in diameter, rough but not netted, lemon with broken lines and blotches of black green; flesh greenish-white.

179914. No. 11067. *Teti*. Fruit globose, compressed laterally, 4½ inches in diameter, smooth, clear-canary-yellow blotched with orange; flesh pale-green.

179915. No. 11076-A. *Teti*. Fruit elongate, 9 by 4½ inches, smooth, pale-lemon-green spotted with orange brown; flesh pale-green.

179916. No. 11079. *Teti*. Fruit globose, 5½ inches in diameter, smooth, orange-brown with broad greenish ribs; flesh salmon-tinted.

179917. No. 11080-A. *Teti*. Fruit elongate, 8 by 4 inches, smooth, dull gray-green blotched with black green, gray ribs; flesh cream.

179918. No. 11081. *Teti*. Fruit elongate, 6 by 4 inches, smooth, gold-brown with paler blotches; flesh cream-white.

179919 to 179921. *CUCUMIS SATIVUS* L.

Cucumber.

179919. No. 10691. *Kakri*. Araba, Jodhpur. Dec. 20.

179920. No. 10749. *Kakri*. Posalia, Sirohi. Dec. 25.

179921. No. 11072. *Kakri*. Sihor, Kathiawar. Jan. 26, 1949.

179922. *CUCUMIS* sp.

No. 10644. *Kachhra*. Rohit, Jodhpur. Dec. 15. Desert plant.

179923. *CUCUMIS* sp.

No. 10717. *Kachhra*. Barmer, Jodhpur. Dec. 21. Wild.

179924 and 179925. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

179924. No. 10402. *Kadu*. Amritsar, western Punjab. Nov. 13. Fruit flattened, 16 by 12 inches, deeply ribbed, green handsomely blotched and mottled buff; flesh orange-tinted, sweet.

179925. No. 10634. *Kansipal*; *Kola*. Jodhpur City, Jodhpur. Dec. 13.

179926 to 179931. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.

179926. No. 10521. Saharanpur, United Provinces. Dec. 6.

179927. No. 10621. Jodhpur City, Jodhpur. Dec. 12.

179928. No. 10714. Barmer, Jodhpur. Dec. 21.

179929. No. 10731. Sirohi, Sirohi. Dec. 25.

179930. No. 10752. Posalia, Sirohi. Dec. 25.

179931. No. 11070. Sihor, Kathiawar. Jan. 26, 1949.

179932 and 179933. *DAUCUS CAROTA* L. Apiaceae.

Carrot.

179932. No. 10677. *Gajar*. Pokaran, Jodhpur. Dec. 18.

179933. No. 11082. *Gajar*. Sihor, Kathiawar. Jan. 29, 1949. Roots brown-red.

179934. *ERUCA SATIVA* Mill. Brassicaceae.

Rocket-salad.

No. 10494. *Taramira*. Lahore, Pakistan. Dec. 1.

179935. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

No. 10547. *Bhart*. Fojal, Kulu Valley, eastern Punjab. Dec. 21. Altitude 5,500 feet.

## 179838 to 180016—Continued

- 179936 and 179937.** *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**  
**179936.** No. 10543. *Suraj Mukhi*. Shim, Kulu Valley, eastern Punjab. Nov. 20. Altitude 5,000 feet. Plants 5 feet high; heads 5 inches in diameter.  
**179937.** No. 10587. *Guraj Mukhi*. Kulu, Kulu Valley, eastern Punjab. Altitude 4,000 feet. Plants 17 feet high; heads 6 to 10 inches in diameter.
- 179938.** *JUNIPERUS* sp. Pinaceae. **Juniper.**  
 No. 10568. *Pama*. Kyelang, Lahul, eastern Punjab. Nov. 27. Altitude 10,000 feet. Spreading bush 5 feet high; hardy.
- 179939 and 179940.** *LATHYRUS SATIVUS* L. Fabaceae. **Bittervetch.**  
**179939.** No. 10493. *Choral*. Lahore, Pakistan. Dec. 1.  
**179940.** No. 10532. Saharanpur, United Provinces. Dec. 6.
- 179941.** *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. **Suakwa towelgourd.**  
 No. 10770. *Ghiya Toriya*. Munadir, Sirohi. Dec. 26. An esteemed vegetable.
- 179942 to 179944.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
**179942.** No. 10393. *Tomatter*. Amritsar, western Punjab. Nov. 13. Fruit red, irregular in shape, 3½ inches in diameter.  
**179943.** No. 10516. *Tomatter*. Saharanpur, United Provinces. Dec. 6.  
**179944.** No. 10640. *Tomatter*. Jodhpur City, Jodhpur. Dec. 14. Fruit globose to elongate, red, 2 to 3 inches in diameter.
- 179945.** *MALUS* sp. Malaceae.  
 No. 10595. *Kushu*. Gundla, Lahul, eastern Punjab. Nov. 28. A small hardy tree with large red-purple flowers and small red-fleshed fruits.
- 179946 and 179947.** *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
**179946.** No. 10713. *Rizga*. Jodhpur City, Jodhpur. Dec. 20.  
**179947.** No. 11006. *Lechka*. Bhavnagar, Kathiawar. Jan. 23, 1949. Fodder.
- 179948 to 179951.** *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
**179948.** No. 10674. *Bajra*. Pokaran, Jodhpur. Dec. 18. Sweet-stalked type.  
**179949.** No. 10698. *Bajra*. Araba, Jodhpur. Dec. 20. Sweet-stalked type.  
**179950.** No. 10715. *Bajra*. Barmer, Jodhpur. Dec. 21.  
**179951.** No. 11036. *Bajri*. Bhavnagar, Kathiawar. Jan. 23, 1949.
- 179952.** *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**  
 No. 10618. *Haria*. Jodhpur City, Jodhpur. Dec. 12.
- 179953.** *PHASEOLUS ACONITIFOLIUS* Jacq. **Moth bean.**  
 No. 10626. *Mot*. Jodhpur City, Jodhpur. Dec. 12.
- 179954.** *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
 No. 10693. Araba, Jodhpur. Dec. 20.
- 179955 and 179956.** *PHASEOLUS ACONITIFOLIUS* Jacq. **Moth bean.**  
**179955.** No. 10711. *Mot*. Marwar Mundwa, Jodhpur. Dec. 20.  
**179956.** No. 10716. *Mot*. Barmer, Jodhpur. Dec. 21.
- 179957 and 179958.** *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
**179957.** No. 10718. Barmer, Jodhpur.  
**179958.** No. 10733. Sirohi, Sirohi. Dec. 25.

## 179838 to 180016—Continued

179959. *PHASEOLUS ACONITIFOLIUS* Jacq. Moth bean.  
No. 10754. *Mot.* Posalia, Sirohi. Dec. 25.
179960. *PHASEOLUS AUREUS* Roxb. Mung bean.  
No. 11069. Sihor, Kathiawar. Jan. 26, 1949.
179961. *PHASEOLUS LUNATUS* L. Lima bean.  
No. 10528. *Frusbin.* Saharanpur, United Provinces. Dec. 6.
179962. *PHASEOLUS AUREUS* Roxb. Mung bean.  
No. 11047. Sihor, Kathiawar. Jan. 24, 1949.
- 179963 to 179968. *PHASEOLUS VULGARIS* L. Common bean.  
179963. No. 10520. *Frasbin.* Saharanpur, United Provinces. Dec. 6.  
179964 to 179967. Shim, Kulu Valley, eastern Punjab. Nov. 20. Altitude, 5,000 to 5,500 feet.  
179964. No. 10541. *Kor.* 179966. No. 10552. *Rong.*  
179965. No. 10545. *Rong.* 179967. No. 10553. *Rong.*  
179966. No. 10566. *Jurnad*, Lahul, eastern Punjab. Nov. 27. Altitude 10,000 feet. An excellent quick-maturing string bean.
- 179969 to 179972. *PISUM SATIVUM* L. Fabaceae. Pea.  
179969. No. 10538. *Lambu, Kra.* Shim, Kulu Valley. Nov. 20. Altitude 5,000 feet. Rare.  
179970. No. 10509. *Matar.* Saharanpur, United Provinces. Dec. 6.  
179971. No. 10510. *Matar.* Saharanpur, United Provinces.  
179972. No. 11053. *Watana.* Sihor, Kathiawar. Jan. 25, 1949.
179973. *PLANTAGO* sp. Plantaginaceae. Plantain.  
No. 10401. *Isapghol.* Amritsar, western Punjab. Nov. 13.
179974. *PLANTAGO* sp.  
No. 10642. *Isappgol.* Jodhpur City, Jodhpur. Dec. 14.
179975. *PLANTAGO* sp.  
No. 10683. *Isappgol.* Pokaran, Jodhpur. Dec. 18.
179976. *PLANTAGO* sp.  
No. 10992. *Isapghol.* Bhavnagar, Kathiawar. Jan. 22, 1949.
- 179977 to 179982. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
179977. No. 10505. *Mungra.* Amritsar, western Punjab. Dec. 5. Cultivated for green pods which are eaten as a vegetable.  
179978. No. 10506. *Mungra.* Amritsar, western Punjab. Pods about 1 foot long, used as a vegetable when green.  
179979. No. 10512. *Muli.* Saharanpur, United Provinces. Dec. 6.  
179980. No. 10514. *Mungra.* Saharanpur, United Provinces. Cultivated for edible pods.  
179981. No. 10684. *Muli.* Pokaran, Jodhpur. Dec. 18. Long white type.  
179982. No. 11074-A. *Mula.* Sihor, Kathiawar. Jan. 26, 1949. Grown for long, edible green pods.
- 179983 to 179985. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
179983. No. 10610. *Erاند.* Phulera, Jaipur. Dec. 11.  
179984. No. 10700. *Irindia.* Bhadana, Jodhpur. Dec. 20.  
179985. No. 11058. *Irar.* Sihor, Kathiawar. Jan. 25, 1949.

## 179838 to 180016—Continued

179986 to 179996. *SESAMUM INDICUM* L. Pedaliaceae

Sesame.

179986. No. 10605. *Til.* Phulera, Jaipur. Dec. 11.179987. No. 10680. *Til.* Pokaran, Jodhpur. Dec. 18.179988. No. 10695. *Til.* Araba, Jodhpur. Dec. 20.179989. No. 10709. *Til.* Marwar Mundwa, Jodhpur. Dec. 20.179990. No. 10724. *Til.* Sajjan Road, Sirohi. Dec. 24.179991. No. 10730. *Kala Til.* Sirohi, Sirohi. Dec. 25.

179992 to 179996. From Kathiawar.

179992. No. 10991. *Tal.* Bhavnagar, Jan. 22, 1949.179993. No. 11013. *Tal.* Bhavnagar. Jan. 23, 1949.179994. No. 11018. *Tal.* Bhavnagar.179995. No. 11055. *Tal.* Sihor. Jan. 25, 1949.179996. No. 11082-A. *Tal.* Sihor.179997 to 180001. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

179997. No. 10598. Phulera, Jaipur. Dec. 11. Wild in desert. Fruit large.

179998. No. 10656. *Bengan.* Jodhpur City, Jodhpur. Dec. 15. Fruit long, purple.179999. No. 11007. *Bengan.* Bhavnagar, Kathiawar. Jan. 23, 1949. Fruit round, black.180000. No. 11056. *Ringna.* Sihor, Kathiawar. Jan. 25, 1949. Fruits vary from round to long and thin, and green through pink to black-purple.180001. No. 11079-A. *Ringna.* Sihor, Kathiawar. Jan. 27, 1949.180002 to 180009. *SORGHUM VULGARE* Pers. Poaceae.180002. No. 10405. *Juar.* Amritsar, western Punjab. Nov. 14. Plant 8 feet high, with thin stalk, much-branched; heads small.180003. No. 10628. *Juar.* Jodhpur City, Jodhpur. Dec. 13. Sweet-stalked.180004. No. 10681. *Jawar.* Pokaran, Jodhpur. Dec. 18. Sweet-stalked.180005. No. 10710. *Jawar.* Marwar Mundwa, Jodhpur. Dec. 20.

180006 to 180009. From Kathiawar.

180006. No. 11011. *Juar.* Bhavnagar. Jan. 23, 1949.180007. No. 11029. *Juar.* Bhavnagar.180008. No. 11048. *Juar.* Sihor. Jan. 25, 1949.180009. No. 11054. *Juar.* Sihor.180010. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

No. 11071. *Juar.* Sihor, Kathiawar.180011 and 180012. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

180011. No. 10682. *Methi.* Pokaran, Jodhpur. Dec. 18.180012. No. 10735. *Methi.* Sirohi, Sirohi. Dec. 25.180013. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

No. 10536. *Kar.* Shim, Kulu Valley, eastern Punjab. Nov. 20.180014. *VIGNA CYLINDRICA* (L.) Skeels.

Catjang.

No. 10611. *Cholan.* Phulera, Jaipur. Dec. 11.180015. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

No. 10728. *Chawla.* Sirohi. Dec. 25. A very large variety.

## 179838 to 180016—Continued

180016. *ZEA MAYS* L. Poaceae.

Corn.

No. 10616. Delhi. Dec. 10.

## 180017 to 180061.

From India and Pakistan. Seeds obtained through the American Consulate General, Calcutta. Received Apr. 12, 1949.

180017 to 180031. From the Manipur Farm, Tejgaon, Dacca, East Bengal, Pakistan.

180017. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

180018. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae.

Ramie.

180019 to 180024. *CORCHORUS CAPSULARIS* L. Tiliaceae.

Jute.

180019. No. D 154.

180022. No. C-42 NJ-412.

180020. No. C-42 Kj 321.

180023. No. CT 309-42.

180021. No. C41-13.

180024. No. C39-212.

180025. *CORCHORUS OLITORIUS* L.

Jute.

*Chinsurah Green.*180026. *HIBISCUS SABDARIFFA* L. Malvaceae.

Roselle.

180027. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae.

Calabash gourd.

180028. *MOMORDICA CHARANTIA* L. Cucurbitaceae.

Balsam-pear.

180029. *SIDA RHOMBIFOLIA* L. Malvaceae.180030. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

180031. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

180032 to 180043. From the Chinsurah Farm, Chinsura, Hooghly, West Bengal, India.

180032. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

180033. *BOEHMERIA NIVEA* (L.) Gaud. Urticaceae.

Ramie.

180034. *CORCHORUS CAPSULARIS* L. Tiliaceae.

Jute.

D-154.

180035. *CORCHORUS OLITORIUS* L.

Jute.

180036 to 180040. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

180036. *Beldungah.*180039. *Madaripur.*180037. *Cawnpore.*180040. *Mullick.*180038. *Chindara.*180041. *HIBISCUS CANNABINUS* L. Malvaceae.

Kenaf.

180042. *HIBISCUS SABDARIFFA* L.

Roselle.

*Altissima.*180043. *SIDA RHOMBIFOLIA* L. Malvaceae.

180044 to 180050. From the Globe Nursery, Calcutta, India.

180044. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

180045. *CORCHORUS CAPSULARIS* L. Tiliaceae.

Jute.

180046. *CORCHORUS OLITORIUS* L.

Jute.

180047. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

180048. *HIBISCUS SABDARIFFA* L. Malvaceae.

Roselle.

**180017 to 180061—Continued****180044 to 180050—Continued**

180049. *PLANTAGO* sp. Plantaginaceae. Plantain.

180050. *SESBANIA CANNABINA* (Retz.) Poir. Fabaceae.

180051 and 180052. *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.

180051. No. 1. Darjeeling, India.

180052. No. 2. Darjeeling.

180053 to 180061. *ORYZA SATIVA* L. Poaceae. Rice.

From Dacca, Pakistan.

180053. *Lalichail*. 180058. *Patni* 23.

180054. *Dandin*. 180059. *Charnock*. Australia.

180055. *Naizischail*. 180060. *Dhala Shaita*. Australia.

180056. *Barshabag*. 180061. *Dular*. Australia.

180057. *Radhanepekl*.

180062 to 180161. These numbers were never assigned to any plant material.

**180162 to 180167. ZEA MAYS L. Poaceae. Corn.**

From Austria. Seeds presented by the Austrian Federal Plant Breeding and Testing Institute, Vienna. Received Apr. 12, 1949.

180162. *Gelber Vorarlberger Koerner*, Register No. 30.

180163. *Janetzki's Gloria*, Register No. 43.

180164. *Kematener*, Register No. 28.

180165. *Loosdorfer* (Ranninger) *Silo*, Register No. 27.

180166. *Weisser Marchfelder Loerner*, Register No. 42.

180167. *Weisser Vorarlberger Frueh*, Register No. 29.

**180168 to 180170. ORYZA SATIVA L. Poaceae. Rice.**

From Siam. Seeds presented by the Siamese Department of Agriculture, Bangkok. Received Apr. 13, 1949.

180168. *Kao Hang*.

180169. *Kao Luang*.

180170. *Puang Ngern*.

**180171 and 180172.**

From Czechoslovakia. Seeds presented by the State Agriculture Experiment Station, Tabor. Received Apr. 13, 1949.

180171. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

180172. *LOTUS ULIGINOSUS* Schkuhr.

Big trefoil.

**180173 to 180183. ORYZA SATIVA L. Poaceae. Rice.**

From Peru. Seeds presented by Edwin Anderson, Institute of Inter-American Affairs, Lima. Received Apr. 13, 1949.

180173. *B. A. M. No. 8*.

180179. *Minagra No. 1*.

180174. *Birmanian*.

180180. *Radin China* (Chiclayo).

180175. *Early 1600*.

180181. *Radin China* (Piura).

180176. *E. A. S. No. 3*.

180182. *Siam Garden* (Chiclayo).

180177. *Lambaygue No. 1*.

180183. *Siam Garden* (Piura).

180178. *Lambaygue No. 2*.

**180184 to 180193. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by A. Desflassieux & G. De La Prunarede, Villardonnell. Received Apr. 13, 1949.

- 180184. *Alphouse Lavallee*.
- 180185. *Blanco Foster* × *Muscat Roman*.
- 180186. *Madeleine Royale* × *Muscat Hambourg*.
- 180187. *Madeleine Royale* × *DeLesseps*.
- 180188. *Muscat Blanc*.
- 180189. *Muscat Hambourg*.
- 180190. *Muscat Malaga* × *Pirovano 27.*<sup>o</sup>
- 180191. *Pirovano*.
- 180192. *Sultana Moscata P. 75*.
- 180193. *Sultanine Blanche* × *Muscat Roman*.

**180194. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From the Netherlands. Scions presented by the Instituut Voor de Veredeling Van Tuinbouwgewassen, Wageningen. Received Apr. 19, 1949.

*Rode Boskoop*.

**180195 to 180204.**

From Norway. Seeds presented by the Botanic Garden, Oslo. Received Apr. 13, 1949.

- 180195. *ERODIUM MALACHOIDES* Willd. Geraniaceae.
- 180196. *GERANIUM CAROLINIANUM* L. Geraniaceae.
- 180197. *GERANIUM PRATENSE* L.
- 180198. *GERANIUM PYRENAICUM* Burm. f.
- 180199. *GERANIUM SANGUINEUM* L. Bloodred cranesbill.
- 180200. *LINUM PERENNE* L. Linaceae. Perennial flax.
- 180201. *POLYGONUM SALIGNUM* Willd. Polygonaceae.
- 180202. *RHEUM OFFICINALE* Baill. Polygonaceae. Rhubarb.
- 180203. *RHEUM RHAPONTICUM* L.
- 180204. *RHEUM UNDULATUM* L.

**180205. GOSSYPIUM. Malvaceae. Cotton.**

From Nyasaland. Seeds presented by the Department of Agriculture, Zomba. Received Apr. 13, 1949.

**180206 to 180208.**

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Received Apr. 8, 1949.

- 180206. *ERAGROSTIS SUPERBA* Peyr. Poaceae.
- 180207. *PANICUM MAXIMUM* Jacq. Poaceae. Guinea grass.
- 180208. *PENNISETUM STRAMINEUM* Peter. Poaceae.

**180209 to 180221. GOSSYPIUM. Malvaceae. Cotton.**

From England. Seeds presented by the Plant Breeding Institute, Cambridge. Received Apr. 14, 1949.

180209 to 180219. Originally from Texas.

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|-----------------|-----------------|
| 180209. S2061.  | 180212. S2062A. |
| 180210. S2061A. | 180213. S2066.  |
| 180211. S2062.  | 180214. S2071.  |



**180209 to 180221—Continued****180209 to 180219—Continued**

180215. S4004.

180218. S40105-2.

180216. S4005.

180219. *Cuamanian*.

180217. S4007.

180220. YU-a. Originally from China.

180221. YU-g. Originally from China.

**180222 and 180223. COLOCASIA ANTIQUORUM Schott. Araceae.****Red taro.**

From Japan. Tubers presented by the Yokohama Nursery Company, Yokohama.  
Received Apr. 14, 1949.

180222. *Yatsugashira*.180223. *Kinukatsugi*.**180224 and 180225.**

From the Territory of Hawaii. Seeds presented by the Hawaiian Sugar Planters Association, Honolulu. Received Apr. 14, 1949.

180224. SORGHUM sp. Poaceae.

180225. SORGHUM VULGARE Pers.

**180226 to 180228. GOSSYPIUM. Malvaceae.****Cotton.**

From Puerto Rico. Seeds presented through the Division of Cotton and Other Fiber Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 15, 1949.

180226. No. 2537.

180227. No. 2538.

180228. No. 2539.

**180229. CARTHAMUS TINCTORIUS L. Asteraceae.****Safflower.**

From the Union of South Africa. Seeds presented by the College of Agriculture, Potchefstroom, Transvaal. Received Apr. 15, 1949.

**180230 and 180231. ZEA MAYS L. Poaceae.****Corn.**

From England. Seeds presented by E. A. Taylor, Dartmouth. Received Apr. 15, 1949.

180230. *Jehu*.180231. *Golden Standard*.**180232 to 180234. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

From the Philippines. Seeds presented by the University of the Philippines, Laguna. Received Apr. 15, 1949.

180232. *Kamatis Na Ligaw*.180233. *Native*.180234. *Susong Kalabaw*.**180235 to 180237. SACCHARUM. Poaceae.****Sugarcane.**

From the Territory of Hawaii. Cuttings presented by the Experiment Station of the Hawaiian Sugar Planters Association, Honolulu. Received Apr. 18, 1949.

180235. 32-1063-P. O. J. 2878 × 28-4399.

180236. 31-2806-P. O. J. 2878 × 9811.

180237. 35-1112-27.8101 × 31.2538.

**180238. BETA VULGARIS L. Chenopodiaceae.****Beet.**

From England. Seeds presented by an unknown donor, Maldon, Essex. Received May 9, 1949.

*Bush E.*

**180239 to 180246. GOSSYPIUM. Malvaceae.****Cotton.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 18, 1949.

Collected in 1949 unless otherwise indicated.

180239. No. 10588. *Rui*. Kulu, Kangra Department, eastern Punjab. Dec. 4, 1948. Originally from Hoshiarpur, eastern Punjab.

180240. No. 10795. *Kapas*. Anadra, Sirohi. Dec. 30, 1948. Annual type.

180241. No. 10811. *Kapas*. Mount Abu, Sirohi. Jan. 2.

180242. No. 10839. *Kapas*. Abu Road, Sirohi. Jan. 9.

180243. No. 10860. *Kapas*. Sidhpur, Baroda. Jan. 11.

180244. No. 10861. *Kapas*. Sidhpur, Baroda. Originally from Karachi.

180245. No. 10957. *Kapas*. Rajkot, Kathiawar. Jan. 20.

180246. No. 10982. *Kapas*. Rajkot, Kathiawar.

**180247 to 180250.**

From the Netherlands. Seeds presented by the Botanic Garden, Leyden. Received Apr. 19, 1949.

180247. *LOTUS CORNICULATUS L.* Fabaceae.

**Birdsfoot trefoil.**

180248. *LOTUS ORNITHOPODIODES L.*

180248. *TETRAGONOLOBUS SILIQUOSUS (L.) Roth.* Fabaceae.

180250. *SECALE MONTANUM GUSS.* Poaceae.

**180251 to 180359.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 18, 1949.

Collected in 1949 unless otherwise indicated.

180251. *SECALE CEREALE L.* Poaceae.

**Rye.**

No. 10564. *Gianghi*. Kyelang, Lahul, eastern Punjab. Nov. 27, 1948. Altitude 10,000 feet. Spring type. Reported to have been introduced by German missionaries 100 years ago.

180252. *ABELMOSCHUS ESCULENTUS (L.) Moench.* Malvaceae.

**Okra.**

No. 11005. *Bhindi*. Bhavnagar, Kathiawar. Jan. 23.

180253. *ABRUS PRECATORIUS L.* Fabaceae.

**Rosarypea.**

No. 10829. *Sarmi*. Oria, Sirohi. Jan. 23. Seeds used for necklaces and weights.

180254 to 180256. *ALLIUM CEPA L.* Liliaceae.

**Onion.**

180254. No. 10776. *Pujaz*. Sirohi, Sirohi. Dec. 7, 1948. Mild and tender.

180255. No. 10856. *Pujaz*. Abu Road, Sirohi. Jan. 9.

180256. No. 10960. *Pujaz*. Rajkot, Kathiawar. Jan. 20. Red and white.

180257 to 180259. *ARACHIS HYPOGAEA L.* Fabaceae.

**Peanut.**

180257. No. 10927. *Singh*. Rajkot, Kathiawar.

180258. No. 10937. *Singh*. Rajkot, Kathiawar.

180259. No. 10987. *Singh*. Bhavnagar, Kathiawar. Jan. 22.

**180251 to 180359—Continued**

- 180260.** BRASSICA OLERACEA VAR. BOTRYTIS L. Brassicaceae. **Cauliflower.**  
No. 10785. *Phulgobi*. Sirohi, Sirohi. Dec. 27, 1948.
- 180261 to 180264.** BRASSICA CAMPESTRIS VAR. SARSON Prain. **Sarson.**  
**180261.** No. 10768. Munadir, Sirohi. Dec. 26, 1948. Oilseed.  
**180262.** No. 10791. Anadra, Sirohi. Dec. 28, 1948.  
**180263.** No. 10831. Oria, Sirohi. Jan. 4. Altitude 3,500 feet. Oilseed.  
**180264.** No. 10854. Abu Road, Sirohi. Jan. 9.
- 180265.** BRASSICA sp.  
No. 10590. *Shai*. Mandi, Mandi. Dec. 5, 1948. Altitude 4,000 feet. Oilseed.
- 180266.** BRASSICA sp.  
No. 10875. *Rai*. Sidhpur, Baroda. Jan. 11. Oilseed.
- 180267.** BRASSICA sp.  
No. 10934. *Rai*. Rajkot, Kathiawar. Jan. 19. Oilseed.
- 180268.** BRASSICA OLERACEA VAR. CAPITATA L. **Cabbage.**  
No. 10943. *Gobi*. Rajkot, Kathiawar. Heads medium flat, solid, tender, and mild.
- 180269.** BRASSICA sp.  
No. 11023. *Rai*. Bhavnagar, Kathiawar. Jan. 23. Oilseed.
- 180270 to 180273.** CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**  
**180270.** No. 10758. *Mirch*. Posalia, Sirohi. Dec. 25, 1948. Fruit red, 5 by  $\frac{3}{4}$  inches, mild.  
**180271.** No. 10972. *Mirch*. Rajkot, Kathiawar. Jan. 21. Fruit red, 4 by  $\frac{3}{4}$  inches; flesh mild; seeds hot.  
**180272.** No. 10974. *Mirch*. Rajkot, Kathiawar. Fruit red, tapered, 4 by  $1\frac{1}{8}$  inches.  
**180273.** No. 10975. *Mirch*. Rajkot, Kathiawar. Fruit bullnosed to obtuse, 4 inches long, red, mild to hot.
- 180274.** CARICA PAPAYA L. Papayaceae. **Papaya.**  
No. 10775. *Papaya*. Sirohi, Sirohi. Dec. 27, 1948. Fruit large.
- 180275 to 180278.** CITRULLUS VULGARIS Schrad. Cucurbitaceae. **Watermelon.**  
**180275.** No. 10772. *Tinda*. Sirohi, Sirohi. Dec. 27, 1948.  
**180276.** No. 10782. *Matira*. Sirohi, Sirohi.  
**180277.** No. 10977. *Tarbutz*. Rajkot, Kathiawar. Jan. 21.  
**180278.** No. 11010. *Kalinga*. Bhavnagar, Kathiawar. Jan. 23.
- 180279 to 180281.** CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**  
**180279.** No. 10834. Oria, Sirohi. Jan. 5. Wild plant; fruits globose to subglobose, 3 inches long, ribbed; traces of spines.  
**180280.** No. 10931. *Kahkri*. Rajkot, Kathiawar. Jan. 19.  
**180281.** No. 10986. Rajkot, Kathiawar. Jan. 19.
- 180282 and 180283.** CUCUMIS MELO L. **Muskmelon.**  
**180282.** No. 11012. *Kakri*. Bhavnagar, Kathiawar. Jan. 23.  
**180283.** No. 10997. *Chapera Ki Kacheri*. Bhavnagar, Kathiawar. Jan. 22.
- 180284.** CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. **Cushaw.**  
No. 10786. *Sitaphal*. Sirohi, Sirohi. Dec. 27, 1948.

## 180251 to 180359—Continued

- 180285 to 180288.** *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**  
**180285.** No. 10765. Munadir, Sirohi. Dec. 26, 1948.  
**180286.** No. 10797. Anadra, Sirohi. Dec. 30, 1948.  
**180287.** No. 10812. Mount Abu, Sirohi. Jan. 2.  
**180288.** No. 11009. Bhavnagar, Kathiawar. Jan. 23.
- 180289 to 180292.** *DOLICHOS BIFLORUS* L. Fabaceae.  
**180289.** No. 10794. *Kolat.* Anadra, Sirohi. Dec. 29, 1948.  
**180290.** No. 10819. *Kulat.* Mount Abu, Sirohi. Jan. 2.  
**180291.** No. 10857. *Kolat.* Abu Road, Sirohi. Jan. 9.  
**180292.** No. 10989. *Karti.* Bhavnagar, Kathiawar. Jan. 22.
- 180293.** *DOLICHOS LABLAB* L. **Hyacinth-bean.**  
 No. 10783. *Sem.* Sirohi. Dec. 27, 1948. Green seeds eaten.
- 180294.** *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae. **Kangra buckwheat.**  
 No. 10579. *Katu.* Solang, Kulu Valley, eastern Punjab. Dec. 1, 1948. Altitude 9,000 feet.
- 180295.** *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**  
 No. 10806. *Surajmuki.* Anadra, Sirohi. Dec. 31, 1948. Head 12 inches in diameter.
- 180296 and 180297.** *HIBISCUS SABDARIFFA* L. Malvaceae. **Roselle.**  
**180296.** No. 10738. *Ambari.* Posalia, Sirohi. Dec. 25, 1948.  
**180297.** No. 10897. Sidhpur, Baroda. Jan. 14. Cultivated for edible calyces.
- 180298.** *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. **Calabash gourd.**  
 No. 10787. *Ghiyakadu.* Sirohi, Sirohi. Dec. 27, 1948.
- 180299.** *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 No. 10820. *Alsi.* Mount Abu, Sirohi. Jan. 2.
- 180300 and 180301.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
**180300.** No. 10924. Ahmadabad, Bombay. Jan. 16. Fruit pyriform to ovoid, red.  
**180301.** No. 10925. Sidhpur, Baroda. Jan. 19. Fruit flattened, 3 inches in diameter.
- 180302 and 180303.** *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
**180302.** No. 10803. *Rizga.* Anadra, Sirohi. Dec. 31, 1948.  
**180303.** No. 10955. *Laghka.* Rajkot, Kathiawar. Jan. 20.
- 180304.** *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
 No. 10828. *Karang.* Mount Abu, Sirohi. Jan. 2.
- 180305.** *PAPAYER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
 No. 10958. *Kashkash.* Rajkot, Kathiawar. Jan. 20.
- 180306 to 180309.** *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
**180306.** No. 10753. *Bajra.* Posalia, Sirohi. Dec. 25, 1948.  
**180307.** No. 10766. *Bajra.* Munadir, Sirohi. Dec. 26, 1948. Cane sweet.  
**180308.** No. 10826. *Bajri.* Mount Abu. Sirohi. Jan. 2.  
**180309.** No. 10964. *Bajri.* Rajkot, Kathiawar. Jan. 20.

## 180251 to 180359—Continued

- 180310 and 180311. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.  
 180310. No. 10793. Anadra, Sirohi. Dec. 29, 1948.  
 180311. No. 10821. Mount Abu, Sirohi. Jan. 2.
180312. *PHASEOLUS ACONITIFOLIUS* Jacq. Moth bean.  
 No. 10823. *Mot.* Mount Abu, Sirohi.
180313. *PHASEOLUS AUREUS* Roxb. Mung bean.  
 No. 10851. Abu Road, Sirohi.
180314. *PHASEOLUS ACONITIFOLIUS* Jacq. Moth bean.  
 No. 10990. *Mot.* Bhavnagar, Kathiawar. Jan. 22.
180315. *PHASEOLUS AUREUS* Roxb. Mung bean.  
 No. 10998. Bhavnagar, Kathiawar.
- 180316 and 180317. *PHASEOLUS MUNGO* L. Urd.  
 180316. No. 10546. *Ma.* Fojal, Kulu Valley. Nov. 21, 1948. Altitude 5,500 feet.  
 180317. No. 10952. *Urud.* Rajkot, Kathiawar. Jan. 20.
- 180318 to 180324. *PHASEOLUS VULGARIS* L. Common bean.  
 180318. No. 10585. *Rong.* Kulu, Kulu Valley, eastern Punjab. Dec. 4, 1948. Altitude 4,000 feet.  
 180319. No. 10586. *Bali.* Kulu, Kulu Valley, eastern Punjab.  
 180320. No. 10591. *Rong.* Mandi, Mandi. Dec. 5, 1948. Altitude 4,000 feet.  
 180321 to 180324. *Val.* Bhavnagar, Kathiawar. Jan. 22.  
 180321. No. 10994. 180323. No. 11008.  
 180322. No. 10995. 180324. No. 11020.
180325. *PICEA* sp. Pinaceae. Spruce.  
 No. 10551. *Rai.* Shelri, Kulu Valley. Nov. 21, 1948. Altitude 7,000 feet.
- 180326 to 180329. *PISUM SATIVUM* L. Fabaceae. Pea.  
 180326. No. 10788. *Matar.* Sirohi, Sirohi. Dec. 27, 1948.  
 180327. No. 10984. *Watana.* Rajkot, Kathiawar. Jan. 21.  
 180328. No. 10997—A. *Watana.* Bhavnagar, Kathiawar. Jan. 22.  
 180329. No. 11014. *Watana.* Bhavnagar, Kathiawar.
180330. *PLANTAGO* sp. Plantaginaceae. Plantain.  
 No. 10985. *Isaphghol.* Rajkot, Kathiawar. Jan. 21.
- 180331 and 180332. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 180331. No. 10777. *Muli.* Sirohi, Sirohi. Dec. 27, 1948. Roots long, red; long pods are used as a vegetable.  
 180332. No. 11015. *Muli.* Bhavnagar, Kathiawar. Jan. 23. Roots long, white, tender, and mild.
- 180333 to 180336. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 180333. No. 10833. *Irind.* Anadra, Sirohi. Jan. 1.  
 180344. No. 10865. *Irindi.* Sidhpur, Baroda. Jan. 11. Plants about 4 feet high.  
 180335. No. 10933. *Irind.* Rajkot, Kathiawar. Jan. 19.  
 180336. No. 10996. *Areri.* Bhavnagar, Kathiawar. Jan. 22.

## 180251 to 180359—Continued

- 180337 to 180341. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
 180337. No. 10764. *Til.* Munadir, Sirohi. Dec. 26, 1948.  
 180338. No. 10790. *Til.* Anadra, Sirohi. Dec. 29, 1948.  
 180339. No. 10810. *Til.* Mount Abu, Sirohi. Jan. 2.  
 180340. No. 10953. *Tal.* Rajkot, Kathiawar. Jan. 20.  
 180341. No. 10970. *Tal.* Rajkot, Kathiawar. Jan. 21.
- 180342 to 180347. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**  
*Bengan*, a local name.  
 180342. No. 10774. Sirohi, Sirohi. Dec. 27, 1948. Fruit large, round, purple.  
 180343. No. 10789. Sirohi, Sirohi. Dec. 27, 1948. Fruit long, green, few-seeded.  
 180344. No. 10959. Rajkot, Kathiawar. Jan. 20. Fruit slender, long, purple.  
 180345. No. 10979. Rajkot, Kathiawar. Fruit round, black.  
 180346. No. 10980. Rajkot, Kathiawar. Fruit long, black.  
 180347. No. 10981. Rajkot, Kathiawar. Fruit short, black.
- 180348 to 180350. *SORGHUM VULGARE* Pers. Poaceae. **Sorghum.**  
*Juar*, a local name.  
 180348. No. 10761. Munadir, Sirohi. Dec. 26, 1948.  
 180349. No. 10817. Mount Abu, Sirohi. Jan. 2.  
 180350. No. 10973. Rajkot, Kathiawar. Jan. 21.
- 180351 to 180353. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**  
 180351. No. 10757. *Methi.* Posalia, Sirohi. Dec. 25, 1948. Potherb.  
 180352. No. 10802. Anadra, Sirohi. Dec. 31, 1948. Fiber plant.  
 280353. No. 10825. *Methi.* Mount Abu, Sirohi. Jan. 2. Potherb.
180354. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**  
 No. 10815. *Chawla.* Mount Abu, Sirohi. Jan. 2, 1949. Large type.
180355. *VIGNA CYLINDRICA* (L.) Skeels. **Catjang.**  
 No. 10823. *Chawli.* Mount Abu, Sirohi.
- 180356 to 180358. *VIGNA SINENSIS* (Torner) Savi. **Cowpea.**  
 180356. No. 10944. *Chauli.* Rajkot, Kathiawar. Jan. 19.  
 180357. No. 11016. *Chaula.* Bhavangar, Kathiawar. Jan. 23.  
 180358. No. 11017. *Chaula.* Bhavnagar, Kathiawar.
180359. *ZEA MAYS* L. Poaceae. **Corn.**  
 No. 10780. *Makki.* Sirohi, Sirohi. Dec. 27, 1948.
- 180360 to 180394. *GOSSYPIUM.* Malvaceae. **Cotton.**  
 From West Pakistan. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 18, 1949.
- 180360 to 180392. From the Cotton Research Stations at Sakrand, Nawabshah District and Mirpur Khas, Thar Parkar District.
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|--------------------------------------|--------------------------------|
| 180360. No. 10406-A. 41/4.           | 180363. No. 10409. C 137.      |
| 180361. No. 407-A. <i>Javilla.</i>   | 180364. No. 10410. N 4.        |
| 180362. No. 10408. <i>Sind N. R.</i> | 180365. No. 10411. B. B. 1-P7. |
| (N. R. P. 3).                        | 180366. No. 10412. 4.5/16.     |

**180360 to 180394—Continued****180360 to 180392—Continued**

- |  |   |
|--|---|
| 180367. No. 10413. 2-3-68 (Selfed).    | 180380. No. 10426. <i>Gossypium</i>       |
| 180368. No. 10414. <i>Sind Sudhar.</i> | <i>arboreum</i> (red) × <i>anomalum</i> . |
| 180369. No. 10415. 43 F.               | 180381. No. 10427. <i>Sultani.</i>        |
| 180370. No. 10416. 119 <i>Sanguin-</i> | 180382. No. 10428. <i>Victory.</i>        |
| <i>eum.</i>                            | 180383. No. 10429. <i>Jubilee.</i>        |
| 180371. No. 10417. 4 F.                | 180384. No. 10430. <i>Trilobum.</i>       |
| 180372. No. 10418. M 4 <i>Sakrand.</i> | 180385. No. 10431. <i>Thurberi.</i>       |
| 180373. No. 10419. 39 M.               | 180386. No. 10432. <i>Lasani.</i>         |
| 180374. No. 10420. K 25.               | 180387. No. 10433. <i>Basuto.</i>         |
| 180375. No. 10421. <i>Sind Sudhar</i>  | 180388. No. 10434. <i>Sakrand Sind</i>    |
| <i>Sakrand.</i>                        | No. 1.                                    |
| 180376. No. 10422. <i>Mirpur-khas</i>  | 180389. No. 10435. <i>Sakrand Sind</i>    |
| hybridizing.                           | No. 2.                                    |
| 180377. No. 10423. <i>Lasani</i>       | 180390. No. 10436. <i>Sakrand Sind</i>    |
| (Selfed).                              | No. 3.                                    |
| 180378. No. 10424. <i>Thurberi.</i>    | 180391. No. 10437. <i>Sakrand Sind</i>    |
| 180379. No. 10425. <i>Narknessii.</i>  | No. 4.                                    |
|  | 180392. No. 10438. <i>Sakrand Sind</i>    |
|  | No. 5.                                    |

180393. No. 10439. Field near Mirpur Khas, Parkar District. Nov. 23, 1948.  
Sind type.

180394. No. 10440. Field near Mirpur Khas, Parkar District. Nov. 23, 1948.

**180395 to 180404. COFFEA spp. Rubiaceae.****Coffee.**

From the Belgian Congo. Seeds presented by the INEAC Experiment Station,  
Yangambi. Received Apr. 19, 1949.

**180395 to 180399. COFFEA CONGENSIS Froehn.**

- |                |                |
|----------------|----------------|
| 180395. No. 1. | 180398. No. 4. |
| 180396. No. 2. | 180399. No. 5. |
| 180397. No. 3. |                |

**180400 to 180404. COFFEA EUGENIOIDES S. Moore.**

- |              |             |
|--------------|-------------|
| 180400. I.   | 180403. IV. |
| 180401. II.  | 180404. V.  |
| 180402. III. |             |

**180405 to 180497.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau  
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.  
Received Apr. 19, 1949.

Collected in 1949 unless otherwise indicated.

**180405 and 180406. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae.****Okra.**

180405. No. 10784. Sirohi, Sirohi. Dec. 27, 1948.

180406. No. 10932. *Bhindi.* Rajkot, Kathiawar. Jan. 19.

**180407. AGROPYRON sp. Poaceae.**

No. 10574. Gundla, Lahul, eastern Punjab. Nov. 28, 1948. Altitude 9,500  
feet. Pasture grass 4 feet high.

## 180405 to 180497—Continued

180408. *ANDROPOGON ISCHAEMUM* L. Poaceae.

No. 10668. Jodhpur City, Jodhpur. Dec. 18, 1948.

180409 and 180410. *BETA VULGARIS* L. Chenopodiaceae.**Beet.**180409. No. 10781. *Palak*. Sirohi, Sirohi. Dec. 27, 1948. Used as potherb.180410. No. 10935. *Palak*. Rajkot, Kathiawar. Jan. 19. Used as potherb.180411 to 180414. *BRASSICA CAMPESTRIS* VAR. *SARSON* Prain. Brassicaceae.**Sarson.**

180411. No. 10631. Jodhpur City, Jodhpur. Dec. 13, 1948. Oilseed.

180412. No. 10848. Abu Road, Sirohi. Jan. 9. Oilseed.

180413. No. 11083. Sirohi, Kathiawar. Jan. 27. Oilseed.

180414. No. 10936. *Sarsirli*. Rajkot, Kathiawar. Jan. 19. Oilseed.180415 to 180417. *BRASSICA NIGRA* (L.) Koch.**Black mustard.**180415. No. 10504. *Rai*. Jullundur, central Punjab. Dec. 5, 1948. Condiment.180416. No. 10583. *Rai*. Kulu, Kulu Valley, eastern Punjab. Dec. 4, 1948. Altitude 4,000 feet. Condiment.180417. No. 10957-A. *Raina*. Rajkot, Kathiawar. Jan. 20. Condiment.180418. *BRASSICA OLERACEA* VAR. *CAPITATA* L.**Cabbage.**No. 10954. *Phulgobi*. Rajkot, Kathiawar. Jan. 20.180419. *BRASSICA* sp.No. 10560. *Nyunskar*. Kyelang, Lahul, eastern Punjab. Nov. 27, 1948. Altitude 10,000 feet. Oilseed.180420. *BRASSICA* sp.No. 10796. *Rai*. Anadra, Sirohi. Dec. 30, 1948. Oilseed.180421. *BRASSICA* sp.No. 10853. *Rai*. Abu Road, Sirohi. Jan. 9. Oilseed.180422. *BRASSICA* sp.No. 10872-A. *Rai*. Sidhpur, Baroda. Jan. 11. Oilseed.180423. *CASSIA AURICULATA* L. Fabaceae.No. 10807. *Awal*. Anadra, Sirohi. Dec. 31, 1948. Semixerophytic shrub to 6 feet high; grows in frost-free places; bark used for tanning.180424. *CEDRUS* sp. Pinaceae.No. 10549. *Kelo*. Fojal, Kulu, eastern Punjab. Nov. 21, 1948. Altitude 5,500 feet.180425. *CEDRUS* sp.No. 10769. *Kelo*. Seeds found in baggage from Kulu Valley, eastern Punjab. Dec. 26, 1948.180426 and 180427. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.**Watermelon.**180426. No. 10872. *Kolangra*. Sidhpur, Baroda. Jan. 14.180427. No. 10928. *Tarbuza*. Rajkot, Kathiawar. Jan. 19.180428 and 180429. *CUCUMIS MELO* L. Cucurbitaceae.**Muskmelon.**180428. No. 10901. *Kharbuza*. Ahmadabad, Bombay. Jan. 15.180429. No. 10930. *Budia*; *Toria*. Rajkot, Kathiawar. Jan. 19.



## 180405 to 180497—Continued

- 180430.** CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. **Cushaw.**  
No. 10919. *Kadu.* Ahmadabad, Bombay. Jan. 15. Fruit 24 by 15 inches, ribbed, buff.
- 180431 to 180434.** CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. **Guar.**
- 180431.** No. 10845. Abu Road, Sirohi. Jan. 9.
- 180432.** No. 10871. Sidhpur, Baroda. Jan. 11.
- 180433.** No. 10909. Ahmadabad, Bombay. Jan. 15.
- 180434.** No. 10949. Rajkot, Kathiawar. Jan. 19. Exceptionally bushy and large-podded type.
- 180435.** DACTYLOCTENIUM AEGYPTIUM (L.) Richter. Poaceae.  
No. 10756. *Mansa.* Posalia, Sirohi. Dec. 25, 1948. A weed reported to be good fodder.
- 180436.** DAUCUS CAROTA L. Apiaceae. **Carrot.**  
No. 10945. *Kandmul.* Rajkot, Kathiawar. Jan. 19.
- 180437 to 180439.** DOLICHOS BIFLORUS L. Fabaceae.
- 180437.** No. 10540. *Kolt.* Shim, Kulu Valley, eastern Punjab. Nov. 20, 1948. Used for soup and thickening.
- 180438.** No. 10767. *Kolat.* Munadir, Sirohi. Dec. 26, 1948.
- 180439.** No. 10983. *Karti.* Rajkot, Kathiawar. Jan. 21.
- 180440.** ERIANTHUS sp. Poaceae.  
No. 10613. Phulera, Jaipur. Dec. 11, 1948. Desert plant; produces clumps 8 to 10 feet wide.
- 180441.** ERUCA SATIVA Mill. Brassicaceae. **Rocket-salad.**  
No. 10921. *Taramira.* Ahmadabad, Bombay. Jan. 16. Oilseed.
- 180442.** EUROTIA sp. Chenopodiaceae.  
No. 10604. Phulera, Jaipur. Dec. 11, 1948. Desert plant; 2 to 2½ feet high.
- 180443.** EUROTIA sp.  
No. 10719. Luni Junction, Jodhpur. Dec. 23, 1949. Desert plant.
- 180444.** FAGOPYRUM ESCULENTUM Moench. Polygonaceae. **Buckwheat.**  
No. 10809. *Kotu.* Mount Abu, Sirohi. Jan. 2.
- 180445.** GLYCINE MAX (L.) Merr. Fabaceae. **Soybean.**  
No. 10582. *Bhart.* Kulu, Kulu Valley, eastern Punjab. Dec. 4, 1948. Altitude 4,000 feet.
- 180446.** HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**  
No. 10846. *Amari.* Abu Road, Sirohi. Jan. 9. Fiber plant.
- 180447.** HIBISCUS SABDARIFFA L. **Roselle.**  
No. 10798. *Methi.* Anadra, Sirohi. Dec. 30, 1948.
- 180448.** IMPATIENS sp. Balsaminaceae.  
No. 10576. *Arui.* Solang, Kulu Valley. Dec. 1, 1948. Altitude 9,000 feet. Wild; seeds yield culinary oil.
- 180449.** LOLIUM TEMULENTUM L. Poaceae. **Darnel.**  
No. 10533. Saharanpur, United Provinces. Dec. 6, 1948.
- 180450.** PANICUM MILIACEUM L. Poaceae. **Proso.**  
No. 10827. *China.* Mount Abu, Sirohi. Jan. 2.

## 180405 to 180497—Continued

180451. *PAPAYER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
No. 10584. *Fimdana*. Kulu, Kulu Valley, eastern Punjab. Dec. 4, 1948.
- 180452 to 180454. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
180452. No. 10612. *Bajra*. Phulera, Jaipur. Dec. 11, 1948.  
180453. No. 10629. *Bajra*. Jodhpur City, Jodhpur. Dec. 13, 1949. Sweet-caned.  
180454. No. 10867. *Bajra*. Sidhpur, Baroda. Jan. 11. Sweet-caned.
180455. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**  
No. 10852. *Mot*. Abu Road, Sirohi. Jan. 9.
- 180456 and 180457. *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
180456. No. 10814. Mount Abu, Sirohi. Jan. 2.  
180457. No. 10870. Sidhpur, Baroda. Jan. 11.
- 180458 and 180459. *PHASEOLUS ACONITIFOLIUS* Jacq. **Moth bean.**  
*Mot*, a local name.  
180458. No. 10923. Ahmadabad, Bombay. Jan. 16.  
180459. No. 10938. Rajkot, Kathiawar. Jan. 19.
180460. *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
No. 10946. *Mung*. Rajkot, Kathiawar.
- 180461 to 180463. *PHASEOLUS LUNATUS* L. **Lima bean.**  
*Bal*, a local name.  
180461. No. 10866. Sidhpur, Baroda. Jan. 11.  
180462. No. 10940. Rajkot, Kathiawar. Jan. 19.  
180463. No. 10948. Rajkot, Kathiawar.
- 180464 to 180466. *PHASEOLUS MUNGO* L. **Urd.**  
*Urud*, a local name.  
180464. No. 10816. Mount Abu, Sirohi. Jan. 2.  
180465. No. 10859. Sidhpur, Baroda. Jan. 11.  
180466. No. 10988. Bhavnagar, Kathiawar. Jan. 2.
180467. *PHASEOLUS VULGARIS* L. **Common bean.**  
No. 10591-A. *Rong*. Mandi, Mandi. Dec. 5, 1948. Altitude 4,000 feet.
180468. *PINUS GERARDIANA* Wall. Pinaceae. **Pine.**  
No. 10594. *Neosa*. Amritsar, western Punjab. Dec. 7, 1948.
180469. *PINUS* sp.  
No. 10557. *Tos*. Rahla, Kulu Valley, eastern Punjab. Nov. 21, 1948. Altitude 9,000 feet.
- 180470 to 180472. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
180470. No. 10571. *Nyerts*. Gundla, Lahul, eastern Punjab. Nov. 28, 1948. Altitude 9,500 feet.  
180471. No. 10869. *Matar*. Sidhpur, Baroda. Jan. 11.  
180472. No. 10942. *Watan*. Rajkot, Kathiawar. Jan. 19.
180473. *PLANTAGO* sp. Plantaginaceae. **Plantain.**  
No. 10926. *Isaphghol*. Sidhpur, Baroda. Jan. 18. Planted in little beds of 35 to 50 square feet on sandy soil.

## 180405 to 180497—Continued

180474. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
No. 10929. *Muli*. Rajkot, Kathiawar. Jan. 19. Roots long, white, and tender.
180475. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
No. 10838. *Irind*. Abu Road, Sirohi. Jan. 9.
- 180476 to 180481. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
180476. No. 10554. *Til*. Shim, Kulu Valley, eastern Punjab. Dec. 21, 1948.  
180477. No. 10589. *Til*. Mandi, Mandi. Dec. 5, 1948.  
180478. No. 10799. *Til*. Anadra, Sirohi. Dec. 31, 1948.  
180479. No. 10850. *Til*. Abu Road, Sirohi. Jan. 9.  
180480. No. 10922. *Tal*. Ahmadabad, Bombay. Jan. 16.  
180481. No. 10955-A. *Tal*. Rajkot, Kathiawar. Jan. 20.
180482. *SESBANIA SESBAN* (L.) Merr. Fabaceae.  
No. 11086. *Scori*. Sihor, Kathiawar. Jan. 27. Hedge plant.
180483. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.  
No. 10779. *Bhatti*. Sirohi, Sirohi. Dec. 27, 1948.
180484. *PANICUM RAMOSUM* L. Poaceae.  
No. 10778. *Kura*. Sirohi, Sirohi. Dec. 27, 1948.
180485. *SOLANUM* sp. Solanaceae.  
No. 10842. Chiparia, Sirohi. Jan. 8. Altitude 2,500 feet. Fruit globose,  $1\frac{1}{4}$  inches in diameter, yellow.
180486. *SORGHUM* sp. Poaceae.  
No. 10836. Oria, Sirohi. Jan. 6. Altitude 4,000 feet. Plant 6 to 8 feet high.
- 180487 to 180489. *SORGHUM VULGARE* Pers.  
*Juar*, a local name.  
180487. No. 10849. Abu Road, Sirohi. Jan. 9.  
180488. No. 10939. Rajkot, Kathiawar. Jan. 19.  
180489. No. 10961. Rajkot, Kathiawar.
180490. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae. Berseem.  
No. 10496. *Berseem*. Lahore, Pakistan. Dec. 1, 1948.
180491. *TRIFOLIUM REPENS* L. White clover.  
No. 10808. Rajkot, Kathiawar. Altitude 8,000 feet.
180492. *TRIFOLIUM RESUPINATUM* L. Persian clover.  
No. 10497. *Shatala*. Lahore, Pakistan. Dec. 1, 1948.
180493. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
No. 10840. Abu Road, Sirohi. Jan. 9.
- 180494 and 180495. *VIGNA CYLINDRICA* (L.) Skeels. Catjang.  
180494. No. 10841. Abu Road, Sirohi.  
180495. No. 10868. Sidhpur, Baroda. Jan. 11.
- 180496 and 180497. *VIGNA SINENSIS* (Torner) Savi. Cowpea.  
180496. No. 10916. Ahmadabad, Bombay. Jan. 15.  
180497. No. 10941. Rajkot, Kathiawar. Jan. 19.

## 180498 to 180790.

From Germany. Seeds presented by the Biparte Control Office, Food, Agriculture, and Forestry Group, Frankfurt. Received Apr. 20, 1949.

180498 to 180532. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

180498 to 180506. *Mandschurische Herkunft* × *U. S. A. 54616*; 238 × 741.  $F_{12}$ .

180498. Strain No. 9. 180503. Strain No. 24.

180499. Strain No. 14. 180504. Strain No. 52.

180500. Strain No. 15. 180505. Strain No. 54.

180501. Strain No. 18. 180506. Strain No. 55.

180502. Strain No. 23.

180507. Strain No. 42. *Mandschurische Herkunft* × *Mandschurische Herkunft*; 238 × 413.  $F_{11}$ .

180508 to 180516. *Zuchtstamme aus Giessen* × *Manitoba Brown*; 850 × 790.  $F_{10}$ .

180508. Strain No. 27. 180513. Strain No. 192.

180509. Strain No. 28. 180514. Strain No. 193.

180510. Strain No. 29. 180515. Strain No. 195.

180511. Strain No. 190. 180516. Strain No. 196.

180512. Strain No. 191.

180517. Strain No. 184. *Manitoba Brown* × *Zuchtstamme aus Giessen*; 790 × 851  $F_{10}$ .

180518. Strain No. 189. *Manitoba Brown* × *Zuchtstamme aus Giessen*; 790 × 851  $F_{10}$ .

180519 to 180523. (*Mandschurische Herkunft* × *Mandschurische Herkunft*) × (*Zuchtstamme aus Giessen* × *Manitoba Brown*); (184 × 359) × (850 × 790); 188 × 3012  $F_6$ .

180519. Strain No. 134. 180522. Strain No. 147.

180520. Strain No. 140. 180523. Strain No. 148.

180521. Strain No. 142.

180524 to 180528. (*Mandschurische Herkunft* × *U. S. A. 54616*) × *Zuchtstamme aus Giessen* × *Manitoba Brown*; (238 × 714) × (850 × 790); 614 × 1936  $F_7$ .

180524. Strain No. 164. 180527. Strain No. 170.

180525. Strain No. 166. 180528. Strain No. 176.

180526. Strain No. 169.

180529. Strain No. 128. *Manitoba Brown* × *Zuchtstamme aus Giessen*; 790 × 851.  $F_7$  resistant to bacterial blight.

180530. Strain No. 129. *Manitoba Brown* × *Zuchtstamme aus Giessen*; 790 × 851.  $F_7$  resistant to bacterial blight.

180531. Strain No. 8/48. *Mandschurische Herkunft* × *U. S. A. 54616*; 238 × 741  $F_{12}$ .

180532. Strain No. 1379/47. *Mandschurische Herkunft* × *U. S. A. 54616*; 238 × 741  $F_{12}$ .

180533 to 180576. *ZEA MAYS* L. Poaceae.

Corn.

180533. Strain No. 904. (*Janetzki Astra*) × (*Brauner Schindelmeiser*) × *Gruppe Schindelmeiser*; 152 × Gr. 7.

180534. Strain No. 906. (*Chiemgauer* × *Janetzki Astra*) × *Gruppe Chiemgauer*; 250 × Gr. 18.

180535. Strain No. 615. *Chiemgauer*  $H_{30}$  × *Janetzki Astra*; 615.

## 180498 to 180790—Continued

## 180533 to 180576—Continued

180536. Strain No. 892. *Chiemgauer H<sub>33</sub> × Janetzki Astra*; 189.
180537. Strain No. 671. (*Janetzki Astra × Janetzki*) × (*Chiemgauer × Cannstatter*); 671.
180538. Strain No. 679. (*Gelber Mollthaler × Varadys Fruh*) × (*Janetzki Astra × Janetzki*); 679.
180539. Strain No. 756. (*Janetzki Astra × Janetzki*) × (*Breslau I × Northwest Dent*); 756.
180540. Strain No. 903. *Pautzfelder H<sub>41</sub> × Chiemgauer H*) × *Gruppe Caspermeyers II*; 116 × Gr. 4.
180541. Strain No. 908. (*Caspermeyers II × Janetzki*) × *Gruppe Wennser*; 272 × Gr. 20.
180542. Strain No. 907. (*Wennser × Quarantino*) × *Gruppe Wennser*; 277 × Gr. 20.
180543. Strain No. 917. *Wennser × Mecklenburger*; 171.
180544. Strain No. 901. (*Mecklenburger × Gelber Vorderlander*) × *Gruppe Mecklenburger*; 92 × Gr. 2.
180545. Strain No. 897. (*Dieckmanns Heimbürg 3041/40 × Trillestad 3001/40*) × *Geschwister*; 654 × *Geschw.*
180546. Strain No. 919. (*Dieckmanns Heimbürg × Trillestad*) × (*Quarantino × Maus Greco II*); 710.
180547. Strain No. 920. (*Dr. Delilles H<sub>41</sub> × Maus Ibaudo*) × *Gruppe Dr. Delilles H<sub>41</sub>*; 182 × Gr. 9.
180548. Strain No. 902. (*Pitztaler Landmais × Carstens Rheingold*) × *Gruppe Pfarrkirchner*; 201 × Gr. 12.
180549. Strain No. 909. (*Danetzkoer × Regele Ferdinand*) × *Gruppe Regele Ferdinand*; 275 × Gr. 21.
180550. Strain No. 913. *Gelber Cinquantino × Bankuter Orange*; 481.
180551. Strain No. 88. *Mecklenburger × Gelber Vorderlander*; 720 × s.
180552. Strain No. 93. *Mecklenburger × Gelber Vorderlander*; 722 × s.
180553. Strain No. 97. *Steirische Landsorte × Golden Frau*; 723 × s.
180554. Strain No. 104. *Gelber Vorderlander × Pommern*; 724 × s.
180555. Strain No. 130. *Gelber Vorderlander × Salamona*; 726 × s.
180556. Strain No. 154. *Janetzki Astra H/41 × Brauner Schindelmeiser*; 734 × s.
180557. Strain No. 173. *Wennser × Mecklenburger*; 740 × s.
180558. Strain No. 211. *Eagle Hill × Feldberger Standard*; 750 × s.
180559. Strain No. 214. *Eagle Hill × Feldberger Standard*; 751 × s.
180560. Strain No. 222. *Quarantino Janiglio × Sonette Jeso*; 753 × s.
180561. Strain No. 245. *Chiemgauer × Mahndorfer*; 765 × s.
180562. Strain No. 437. *Mecklenburger × Gelber Vorderlander*; 792 × s.
180563. Strain No. 460. *Feldberger Standard × Eagle Hill*; 793 × s.
180564. Strain No. 600. *Pommern × Mecklenburger*; 809 × s.
180565. Strain No. 631. *Dr. Delilles × Gelber Badischer H/40*; 818 × s.
180566. Strain No. 637. *Dieckmanns Heimbürg × Trillestad*; 821 × s.
180567. Strain No. 642. *Pautzfelder × Janetzki Astra*; 823 × s.
180568. Strain No. 649. *Badischer Landmais*; 826 × s.

## 180498 to 180790—Continued

## 180533 to 180576—Continued

180569. Strain No. 654. *Dieckmanns Heimbürg 3041/40* × *Trillestad 3001/40*; 829 × s.
180570. Strain No. 669. (*Janetzki Astra* × *Janetzki* × *Wennser*) × *Pfarrkirchner H/40*; 831 × s.
180571. Strain No. 682. (*Gelber Mollthaler* × *Varadys Früh*) × (*Dieckmanns Heimbürg* × *Trillestad*); 839 × s.
180572. Strain No. 684. (*Chiemgauer* × *Janetzki Astra*) × (*Breslau I* × *Northwest Dent*); 840 × s.
180573. Strain No. 688. [(*Karrostener* × *Northwest Dent*) × (*Dr. Delilles* × *Amarillo*) × *Chiemgauer* × *Janetzki Astra*]; 843 × s.
180574. *Pfarrkirchner Kornermais Hochzucht 1946*.
180575. *Mahndorfer Kornermais Hochzucht 1947*.
180576. *Dr. Delilles Universalmais*.

## 180577 to 180644. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

## 180577 to 180615. Winter type.

180577. Strain No. 430. *Carsten's Dickkopf*.
180578. Strain No. 7609. *Carsten VI*.
180579. Strain No. 4305. *Criewener 192*.
180580. Strain No. 7614. *Derenburger Silber*.
180581. Strain No. 7590. *Hauter II*.
180582. Strain No. 3023. *Heine's II*.
180583. Strain No. 7589. *Heine's IV*.
180584. Strain No. 4819. *Hohenwettersbacher Braun*.
180585. Strain No. 2732. *Langs Tassilo*.
180586. Strain No. 2225. *Nordost Samland*.
180587. Strain No. 4820. *Nordost Sandomir*.
180588. Strain No. 7595. *Rimpaus Bastard II*.
180589. Strain No. 452. *Salzmunder Standard*.
180590. Strain No. 10005. *Strubes Dickkopf II*.
180591. Strain No. 2580. *Bielers Edelepp*.
180592. Strain No. 1493. *Cimbals Großherzog Von Sachsen*.
180593. Strain No. 4538. *Dankowska Graniatka Zachodnia, Polen*.
180594. Strain No. 5726/39. *Panzer* × *Rumane*.
180595. Strain No. 4358/41. *Kronen* × (*Szekacs* × *Rumane*).
180596. Strain No. 4469/40. *Ridit* × (*Szekacs* × *Rumane*).
180597. Strain No. 5117/40. (*Rotbart* × *Ritter*) × (*Szekacs* × *Rumane*).
180598. Strain No. 1664/44. *Rotbart* × *Ritter*.
180599. Strain No. 4392/40. *Moskau* × *Criewener 27*.
180600. Strain No. 3026/43. *Minhardi* × *Criewener 192*.
180601. Strain No. 5788/39. *Minhardi* × *Criewener 27*.
180602. Strain No. 2664/41. *Heines Kolben* × *Nemetsch*.
180603. Strain No. 3005/41. *Unbekannte Kreuzung II* × *Minhardi*.
189604. Strain No. 5155/36. *Unbekannte Kreuzung II* × *Ardito*.
180605. Strain No. 2024/44. *Sinoclassa Sagaria* × *Potsdamer*.

## 180498 to 180790—Continued

## 180577 to 180644—Continued

## 180577 to 180615—Continued

- 180606. Strain No. 9089/41. (*Rotbart* × *Ritter*) × *Varonne*.
- 180607. Strain No. 8835/43. *Varonne* × *Unbekannte Kreuzung II*.
- 180608. Strain No. 6335/44. *H 33 b 14* × ?.
- 180609. Strain No. 6376/44. *Varonne* × ?
- 180610. Strain No. 1827/47. *Schreibers Sturm* × (*Minhardi* × *Criewener 27*).
- 180611. Strain No. 5624/47. (*Minhardi* × *Criewener 192*) × *Medsched*.
- 180612. Strain No. 2748/47. *Nowokrimka* × (*Szekacs* × *Rumane*) × *Lucena*.
- 180613. Strain No. 3286/47. (*Heines Kolben* × *Nemetsch*) × (*Minhardi* × *Garnet*).
- 180614. Strain No. 3265/47. (*Heines Kolben* × *Nemetsch*) × (*Minhardi* × *Garnet*).
- 180615. Strain No. 3587/47. (*Heines Kolben* × *Nemetsch*) × (*Minhardi* × *Criewener 27*).

## 180616 to 180644. Spring type.

- 180616. Strain No. 7612. *Bruestedts Teutonen*.
- 180617. Strain No. 10024. *Carstens Sommerweizen*.
- 180618. Strain No. 4850. *Heines Koga*.
- 180619. Strain No. 489. *Heines Kolben*.
- 180620. Strain No. 10016. *Heines Peko*.
- 180621. Strain No. 493. *Janetzki's Früher Sommerweizen*.
- 180622. Strain No. 10021. *Janetzki's Jabo*.
- 180623. Strain No. 10022. *Janetzki's Jabo Weib*.
- 180624. Strain No. 7601. *Lichtis Weihenstephaner*.
- 180625. Strain No. 7737. *Mahndorfer Burgunder*.
- 180626. Strain No. 4236. *NOS Nordgau*.
- 180627. Strain. No. 10018. *Peragis I*.
- 180628. Strain No. 10019. *Peragis II*.
- 180629. Strain No. 1239. *Von Rumkers Früher Dickkopf*.
- 180630. Strain No. 10023. *Rimpaus Langensteiner*.
- 180631. Strain No. 4688/36. *Heines Kolben* × 38 MA.
- 180632. Strain No. 4751/36. *Heines Kolben* × 38 MA.
- 180633. Strain No. 4768/36. *Heines Kolben* × 38 MA.
- 180634. Strain No. 692/40. *Ardito* × 38 MA.
- 180635. Strain No. 624/40. *Chinese 166* × 38 MA.
- 180636. Strain No. 3524/38. *Hope* × *Lin Calcl*.
- 180637. Strain No. 2842/39. *Riccio* × *Lin Calcl*.
- 180638. Strain No. 1179/42. (*Heines Kolben* × 38 MA) × (*Garnet* × *Dzulzuli*).
- 180639. Strain No. 2890/42. (*Heines Kolben* × 38 MA) × (*Garnet* × *Dzulzuli*).
- 180640. Strain No. 1020/42. (*Heines Kolben* × 38 MA) × (*Garnet* × *Dzulzuli*).
- 180641. Strain No. 8120/47. (*Riccio* × *Lin Calcl*) × *Heines Kolben*.

## 180498 to 180790—Continued

## 180577 to 180644—Continued

## 180616 to 180644—Continued

180642. Strain No. 8307/47. (*Garnet* × *Dzulzuli*) × (*Heines Kolben* × 38 *MA*).

180643. Strain No. 8372/47. (*Riccio* × *Lin Calcl*) × *NOS Nordgau*.

180644. Strain No. 8441/47. (*Heines Kolben* × 38 *MA*) × *Heines Kolben*.

## 180645 to 180669. Winter barley.

180645. *HORDEUM DISTICHON* L. Poaceae.

Barley.

Strain No. 248. *Bethge Nackt*.

180646 and 180647. *HORDEUM VULGARE* L.

180646. Strain No. 2157. *Breusteds Schladener I*.

180647. Strain No. 745. *Carsten's 2 Zeilige*.

180648. *HORDEUM DISTICHON* L.

Strain No. 1168. *Derenburger*.

180649 to 180665. *HORDEUM VULGARE* L.

180649. Strain No. 2332. *Eckendorfer Mammuth II*.

180650. Strain No. 2275. *Engelens III*.

180651. Strain No. 77. *Friedrichswerther Berg*.

180652. Strain No. 265. *Kalkreuther Frühe*.

180653. Strain No. 1164. *Mahndorfer*.

180654. Strain No. 874. *Peragis Mittelfrühe*.

180655. Strain No. 1153. *Peragis Stamm 12*.

180656. Strain No. 2159. *Strengs Domina*.

180657. Strain No. 4752/41. *Bauer* × *Peragis*.

180658. Strain No. 479/46. *Bauer* × *Peragis*.

180659. Strain No. 556/46. *Bauer* × *Peragis*.

180660. Strain No. 562/46. *Bihor* × *Friedrichswerther Berg*.

180661. Strain No. 565/46. *Bihor* × *Friedrichswerther Berg*.

180662. Strain No. 579/46. *Bihor* × *Friedrichswerther Berg*.

180663. Strain No. 2354/38. *Peragis* × *Bihor*.

180664. Strain No. 4039/38. *Peragis* × *Chissinau*.

180665. Strain No. 4673/41. *Parigal* × *Peragis*.

180666 to 180669. *HORDEUM*.

180666. Strain No. 930/48. [(*Isaria* × *Hordeum spontaneum* var. *nigrum*) × *Peragis*] × *Peragis*.

180667. Strain No. 1155/48. [(*Isaria* × *Hordeum spontaneum* var. *nigrum*) × *Peragis*] × *Salzmunder Stamm 30/25*.

180668. Strain No. 1281/48. [(*Imperial* × *Hordeum spontaneum* var. *nigrum*) × *Peragis*] × *Salzmunder Stamm 30/25*.

180669. Strain No. 1290/48. [(*Imperial* × *Hordeum spontaneum* var. *nigrum*) × *Peragis*] × *Salzmunder Stamm 30/25*.

## 180670 to 180691. Spring barley.

180670 and 180671. *HORDEUM DISTICHON* L.

180670. Strain No. 278. *Ackermann's Isaria*.

180671. Strain No. 2270. *Brenns III*.



**180498 to 180790—Continued****180670 to 180691—Continued**180672. *HORDEUM VULGARE* L.Strain No. 2274. *Breustedts Granat I.*180673. *HORDEUM* sp.Strain No. 885. *Dometzkoer Paradies.*180674 to 180678. *HORDEUM DISTICHON* L.180674. Strain No. 1825. *Firlbechs Weinenstephaner.*180675. Strain No. 1102. *Franks Hohentloher.*180676. Strain No. 1826. *Hadostreng.*180677. Strain No. 1855. *Heines Haha.*180678. Strain No. 1205. *Heines Haisa.*180679 and 180680. *HORDEUM VULGARE* L.180679. Strain No. 362. *Hohenfinower 4 Zeilige.*180680. Strain No. 269. *Heines Fruhe 4 Zeilige.*180681 to 180684. *HORDEUM DISTICHON* L.180681. Strain No. 1104. *Morgenrot.*180682. Strain No. 2156. *Peragis.*180683. Strain No. 2271. *Strengs Franken III.*180684. Strain No. 204. *Nigrum.*180685 to 180691. *HORDEUM.*180685. Strain No. 6229/37. *Imperial* × *Hordeum spontaneum.*180686. Strain No. 6479/37. *Imperial* × *Hordeum spontaneum.*180687. Strain No. 7361/44. *Haisa* × *Imperial* × *Hordeum spontaneum.*180688. Strain No. 8053/43. *Kenia* × *Imperial* × *Hordeum spontaneum.*180689. Strain No. 6672/37. *Isaria* × *Hordeum spontaneum.*180690. Strain No. 6705/37. *Isaria* × *Hordeum spontaneum.*180691. Strain No. 828/45. *Isaria* × *Hordeum spontaneum* × *Isaria.*180692 to 180704. *PISUM SATIVUM* L. Fabaceae.

Pea.

180692. No. 125. *Hohenheimer Green Viktoria.*180693. No. 250. *Hohenheimer Pink-flowered.*180694. No. 250. *Krupp Peluschke.*180695. No. 175. *Lucienhofer.*180696. No. 100. *Mahndorfer Viktoria.*180697. No. 200. *Peragis Felderbse.*180698. No. 250. *Rappoltshofer Viktoria.*180699. No. 175. *Rimpaus Green Viktoria.*180700. No. 200. *Salzmunder Green Speise.*180701. No. 225. *Strengs Green Speise, Frauenlob.*180702. No. 250. *Strengs Weihenstephaner Felderbse.*180703. No. 175. *Strubes Early Viktoria.*180704. No. 200. *Zeiners.*

## 180498 to 180790—Continued

180705. *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**  
*Roskilde.*
- 180706 to 180709. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae. **Lupine.**  
 180706. Strain No. 411. Sweet type. 180708. Strain No. 7004. Bitter type.  
 180709. Bitter type.  
 180707. Neuseeland.
- 180710 and 180711. *LUPINUS LUTEUS* L. **European yellow lupine.**  
 180710. Strain *Weiko II*. Sweet type. Seeds white.  
 180711. Strain *Weiko 7844*. Early maturing. Seeds white.
- 180712 to 180714. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**  
 180712. *Pillnitzer.*  
 180713. *Kleine Russische.*  
 180714. *Bulgarische Persowsky.*
- 180715 to 180723. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 180715. *Dukullus.* 180720. *Rheinlands Ruhm.*  
 180716. *Erste Ernte.* 180721. *Immun (Buschtomate).*  
 180717. *Fleischtomate.* 180722. *Danische Export.*  
 180718. *Ueberreich.* 180723. *Kondine Red.*  
 180719. *Radio.*
- 180724 to 180728. *LYCOPERSICON.*  
*Lycopersicon pimpinellifolium* × *esculentum*.  
 180724. 101/40 F 10. 180727. 68/2 F 8.  
 180725. 102/40 F 10. 180728. 93 F 8.  
 180726. 105/40 F 10.
- 180729 to 180738. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**  
 180729. *Wachs Schreibers Helia.* 180734. *Enorma Weiss.*  
 180730. *Wachs Haubners Dickfleischige.* 180735. *Sultan.*  
 180731. *Schreibers Imuna.* 180736. *Moorimer Trockenbohne.*  
 180732. *Schreibers Granda.* 180737. *Nordstern.*  
 180733. *Moderna.* 180738. *Gelbe Pariser Trockenbohne.*
- 180739 to 180775. *PHASEOLUS.*  
*Phaseolus vulgaris* × *coccineus*.  
 180739 to 180748. *Granda* × *Erecta*.  
 180739. Strain No. 4285/48. 180744. Strain No. 3545/48.  
 180740. Strain No. 4287/48. 180745. Strain No. 3546/48.  
 180741. Strain No. 3527/48. 180746. Strain No. 3547/48.  
 180742. Strain No. 3537/48. 180747. Strain No. 3548/48.  
 180743. Strain No. 3542/48. 180748. Strain No. 3551/48.  
 180749. Strain No. 3573/48. *Saxa* × *Prunk* (red-flowered).  
 180750. Strain No. 3578/48. *Saxa* × *Erecta*.

**180498 to 180790—Continued****180739 to 180775—Continued**

**180751 to 180763.** Cross between *Phaseolus vulgaris* and *P. coccineus* and back cross with *P. vulgaris*.

- |   |   |
|---|---|
| <b>180751.</b> Strain No. 4226/48.              | <b>180758.</b> Strain No. 3263/48.                      |
| <b>180752.</b> Strain No. 4239/48.              | <b>180759.</b> Strain No. 4266/48.                      |
| <b>180753.</b> Strain No. 4241/48.              | <i>Imuna</i> × ( <i>Imuna</i> × <i>Czar</i> ).          |
| <i>Imuna</i> × ( <i>Granda</i> × <i>Czar</i> ). | <b>180760.</b> Strain No. 4268/48.                      |
| <b>180754.</b> Strain No. 4252/48.              | <b>180761.</b> Strain No. 4276/48.                      |
| <b>180755.</b> Strain No. 4259/48.              | <b>180762.</b> Strain No. 4278/48.                      |
| <b>180756.</b> Strain No. 3261/48.              | <i>Imuna</i> × ( <i>Genfer Markt</i> × <i>Erecta</i> ). |
| <b>180757.</b> Strain No. 3262/48.              | <b>180763.</b> Strain No. 4280/48.                      |
| <i>Imuna</i> × ( <i>Granda</i> × <i>Czar</i> ). |   |

**180764 to 180775.** Cross between *Phaseolus vulgaris* and *P. coccineus*.

- |   |
|---|
| <b>180764.</b> Strain No. 3862/5. <i>Jerusalem</i> × <i>Prunk</i> (Red).              |
| <b>180765.</b> Strain No. 3864/16. <i>Jerusalem</i> × <i>Prunk</i> (Red).             |
| <b>180766.</b> Strain No. 3868/5. <i>Jerusalem</i> × <i>Prunk</i> (Red).              |
| <b>180767.</b> Strain No. 3872/3. <i>Jerusalem</i> × <i>Prunk</i> (Red).              |
| <b>180768.</b> Strain No. 3878/6. <i>Krasnograd</i> × <i>Prunk</i> (White).           |
| <b>180769.</b> Strain No. 3878/8. <i>Krasnograd</i> × <i>Prunk</i> (White).           |
| <b>180770.</b> Strain No. 3884/4. <i>Aserbeidshan</i> × <i>Prunk</i> (White).         |
| <b>180771.</b> Strain No. 3886/6. <i>Aserbeidshan</i> × <i>Prunk</i> (White).         |
| <b>180772.</b> Strain No. 3885/19. <i>Aserbeidshan</i> × <i>Prunk</i> (White).        |
| <b>180773.</b> Strain No. 3891/3. <i>Abessinische Auslese</i> × <i>Prunk</i> (White). |
| <b>180774.</b> Strain No. 3893/1. <i>Abessinische Auslese</i> × <i>Prunk</i> (White). |
| <b>180775.</b> Strain No. 3903/32. <i>Jerusalem</i> (Black) × <i>Prunk</i> (Red).     |

**180776 to 180778.** *LACTUCA SATIVA* L. Asteraceae.

**Lettuce.**

- |                            |
|----------------------------|
| <b>180776.</b> No. 273. E. |
| <b>180777.</b> No. 290. E. |
| <b>180778.</b> No. 297. E. |

**180779.** *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae.

**Cabbage.**

**180780 to 180790.** *MELILOTUS ALBA* Desr. Fabaceae.

**White sweetclover.**

- |                            |                             |
|----------------------------|-----------------------------|
| <b>180780.</b> No. 195/48. | <b>180786.</b> No. 339/48.  |
| <b>180781.</b> No. 199/48. | <b>180787.</b> No. 461/48.  |
| <b>180782.</b> No. 265/48. | <b>180788.</b> No. 1203/47. |
| <b>180783.</b> No. 264/48. | <b>180789.</b> No. 1229/47. |
| <b>180784.</b> No. 324/48. | <b>180790.</b> No. 1237/47. |
| <b>180785.</b> No. 328/48. |                             |

**180791.** *ZEA MAYS* L. Poaceae.

**Corn.**

From the Territory of Hawaii. Seeds presented by A. J. Mangelsdorf, Honolulu, Oahu. Received Apr. 21, 1949.

**180792.** *PISUM SATIVUM* L. Fabaceae.

**Pea.**

From Peru. Seeds presented by Dr. S. C. Harland, Instituto de Genetica del Algodón, Lima. Received Apr. 22, 1949.

**180793 to 180911.**

From Turkey, Syria, and Iraq. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 20, 1949.

Collected in 1948. From Turkey unless otherwise indicated.

**180793.** *AEGILOPS TRIARISTATA* Willd. Poaceae.

No. 5327. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13. Station No. 28654.

**180794.** *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae. **Crested wheatgrass.**

No. 9656. Sehali, Polatli, Ankara. Sept. 29.

**180795.** *AGROPYRON* sp.

No. 5064. Zir, Ankara. Aug. 22.

**180796.** *AGROPYRON REPENS* (L.) Beauv.

**Quackgrass.**

No. 9623. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

**180797 and 180798.** *AGROSTEMMA GITHAGO* L. Caryophyllaceae. **Corncockle.**

**180797.** No. 10215. *Karamuk*. Eriklice, Kirklareli.

**180798.** No. 10220. Meric, Edirne.

**180799 to 180801.** *ALTHAEA ROSEA* (L.) Cav. Malvaceae.

**Hollyhock.**

**180799.** No. 10256. Diyarbakir, Diyarbakir.

**180800.** No. 10260. *Hatmi*. Diyarbakir.

**180801.** No. 10262. Diyarbakir.

**180802.** *AMARANTHUS* sp. Amaranthaceae.

No. 5692. Tuzla, Izmir. Oct. 11.

**180803.** *AMORPHA FRUTICOSA* L. Fabaceae.

**Indigobush.**

No. 10279. *Ibrisim Akasya*. Diyarbakir, Diyarbakir.

**180804.** *ANDROPOGON ANNULATUS* Forsk. Poaceae.

No. 9859. Main Experiment Station, Baghdad, Iraq. Oct. 30, 1948.

**180805.** *CHRYSOPOGON GRILLUS* (L.) Trin. Poaceae.

No. 10287. Lukburgaz.

**180806.** *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae.

**Tall oatgrass.**

No. 9604. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Native.

**180807.** *ARTEMISIA* sp. Asteraceae.

No. 10300. Askale, Erzurum. Aug. 20.

**180808.** *ARTEMISIA* sp.

No. 10308. Askale, Erzurum.

**180809.** *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.

**Cabbage.**

No. 6251. Seyhan, Semdinli, Hakari.

**180810.** *BRASSICA* sp.

**Mustard.**

No. 9651. *Hardal*. Market, Sivrihisar, Eskisehir. Sept. 29.

**180811.** *BRASSICA* sp.

No. 10306. Askale, Erzurum. Aug. 20.

**180812.** *BETA INTERMEDIA* Bunge. Chenopodiaceae.

No. 9585. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Originally wild, but transplanted to station plots.

**180793 to 180911—Continued**

180813. *BETA TRIGYNA* Waldst.

No. 9587. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Wild type.

180814. *CAREX* sp. Cyperaceae.

No. 10115. Pasanli, Gelibolu, Canakkale.

180815. *CELOSIA CRISTATA* L. Amaranthaceae.

Common cockscomb.

No. 5940. Ayvalik, Balikesir. Oct. 22.

180816. *CENTAUREA* sp. Asteraceae.

No. 10304. Askale, Erzurum. Aug. 20.

180817. *CEPHALARIA* sp. Dipsacaceae.

No. 10322. Askale.

180818 to 180821. *CICER* spp. Fabaceae.

From the Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

180818. *CICER* sp.

No. 9598. Native to Turkey.

180819. *CICER* sp.

No. 9609.

180820. *CICER* sp.

No. 9611. Pods long.

180821. *CICER* sp.

No. 9628.

180822. *CICHORIUM* sp. Asteraceae.

No. 10333. Askale, Erzurum. Aug. 20.

180823. *COLUTEA* sp. Fabaceae.

No. 5061. Zir, Ankara. Aug. 23. Shrub.

180824. *COSMOS* sp. Asteraceae.

No. 105265. Diyarbakir, Diyarbakir.

180825. *COSMOS* sp.

No. 10268. Diyarbakir.

180826. *COSMOS* sp.

No. 10270. Diyarbakir.

180827. *COSMOS* sp.

No. 10272. Diyarbakir.

180828. *CUMINUM CYMINUM* L. Apiaceae.

Cumin.

No. 9761. *Kammoun*. Market, Damascus, Syria. Oct. 18.

180829. *CYDONIA* sp. Rosaceae.

Quince.

No. 4437. Kure, Kastamonu. Wild type.

180830 and 180831. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard Grass.

180830. No. 9726. Slopes of Mount Hermon, Damascus, Syria. Oct. 16. Altitude 7,500 feet. Growing on dry gravelly slope.

180831. No. 10110. *Damuzaynigi*. Umurbey, Lapseki, Canakkale.

180832. *DIGITALIS* sp. Scrophulariaceae.

No. 10316. Askale, Erzurum. Aug. 20.

## 180793 to 180911—Continued

180833. *DATURA STRAMONIUM* L. Solanaceae. **Jimsonweed.**  
No. 9724. Kalecik, Ankara. Oct. 4.
180834. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**  
No. 5012. Kanari, Safranbolu, Zonguldak. Aug. 23.
180835. *ERAGROSTIS POAEOIDES* Beauv. Poaceae.  
No. 5710. Tuzla, Izmir. Oct. 11.
180836. *EUPHORBIA* sp. Euphorbiaceae.  
No. 6368. Siirt, Siirt.
180837. *HERACLEUM* sp. Apiaceae.  
No. 10312. Askale, Erzurum. Aug. 20.
180838. *HYOSCYAMUS* sp. Solanaceae.  
No. 10317. Askale.
- 180839 to 180841. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. **Common morning-glory.**
180839. No. 10255. Diyarbakir. Diyarbakir.  
180840. No. 10261. Diyarbakir.  
180841. No. 10269. Diyarbakir.
180842. *ISATIS* sp. Brassicaceae.  
No. 10323. Askale, Erzurum. Aug. 20.
180843. *JUNIPERUS FOETIDISSIMA* Willd. Pinaceae. **Juniper.**  
No. 9512. Fifteen miles south of Kutahya. Sept. 25. Twisted stubby trees 25 feet high, growing in red shallow soil.
180844. *KOCHIA* sp. Chenopodiaceae.  
No. 9897. Near East Foundation, Damascus, Syria. Nov. 1. Ornamental shrub, green in summer, turning red in the fall.
- 180845 and 180846. *LATHYRUS APHACA* L. Fabaceae.  
Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.  
180845. No. 9599. Originally from Ayfon Province.  
180846. No. 9625.
- 180847 and 180848. *LATHYRUS SATIVUS* L. **Bittervetch.**  
180847. No. 5621. Cilband. Pehlavan Kesme, Suruc, Urfa. Oct. 9.  
180848. No. 10091. Masik. Semiz, Besiri, Siirt.
180849. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**  
No. 9769. Rachad. Market, Damascus, Syria. Oct. 18.
180850. *LEPIDIUM DRABA* L.  
No. 10302. Askale, Erzurum. Aug. 20.
180851. *LEPIDIUM* sp.  
No. 10321. Askale, Erzurum.
- 180852 and 180853. *MEDICAGO ORBICULARIS* (L.) All. Fabaceae. **Buttonclover.**  
180852. No. 5008. Antalya, Antalya. Aug. 21,  
180853. No. 10112. Pasanli, Gelibolu, Canakkale.
180854. *MEDICAGO SATIVA* L. **Alfalfa.**  
No. 10305. Askale, Erzurum. Aug. 20.

**180793 to 180911—Continued**

180855. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban.  
No. 5681. Karakoy, Bafra, Samsun. Oct. 11.
180856. *SATUREJA HORTENSIS* L. Menthaceae. Summer savory.  
No. 9768. *Zaatar*. Market, Damascus, Syria. Oct. 18.
180857. *ONOBRYCHIS* sp. Fabaceae.  
No. 9857. Mountain district of Sulemaniye, Syria. Altitude 2,400 feet.
180858. *ONOBRYCHIS* sp.  
No. 10324. Askale, Erzurum. Aug. 20.
180859. *PANICUM MILIACEUM* L. Poaceae. Proso.  
No. 6327. *Kumdari*. Geyman, Hakari.
180860. *PASTINACA SATIVA* L. Apiaceae. Parsnip.  
No. 10316. Askale. Aug. 20.
- 180861 and 180862. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
180861. No. 4527. Mustafa Kemalpaşa, Bursa. July 20.  
180862. No. 5751. Pasakoy, Ayvacik, Canakkale. Oct. 18.
- 180863 and 180864. *PHALARIS CANARIENSIS* L. Poaceae. Canary grass.  
180863. No. 5089. Ankara, Ankara. Aug. 24.  
180864. No. 5087. Ankara.
180865. *PHALARIS* sp.  
No. 9855. Experiment Station, Baghdad, Iraq. Oct. 30. Native type.
180866. *PIMPINELLA ANISUM* L. Apiaceae. Anise.  
No. 9775. Market, Damascus, Syria. Oct. 18.
- 180867 and 180868. *PISUM SATIVUM* L. Fabaceae. Pea.  
180867. No. 4512. Hayrabolu, Tekirdag. July 20.  
180868. No. 9593. Eskisehir Seed Improvement Station. Sept. 28. Native type.
180869. *PLANTAGO OVATA* Forsk. Plantaginaceae. Plantain.  
No. 5694. Tuzla, Izmir. Oct. 11.
180870. *PLANTAGO* sp.  
No. 10320. Askale, Erzurum. Aug. 20.
180871. *POLYGONUM* sp. Polygonaceae.  
No. 10310. Askale.
180872. *RHUS* sp. Anacardiaceae. Sumac.  
No. 5835. Kagizman, Kars. Oct. 21.
180873. *RHUS* sp.  
No. 6334. Oramar, Yusekova, Hakari.
180874. *RHUS* sp.  
No. 6367. Siirt, Siirt. Sept. 5.
180875. *RHUS* sp.  
No. 9825. Seed dealer, Damascus, Syria. Oct. 18.
180876. *SALVIA* sp. Menthaceae.  
No. 10319. Askale, Erzurum. Aug. 20.

## 180793 to 180911—Continued

- 180877 to 180886. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**  
 180877. No. 5088. Ankara, Ankara. Aug. 24.  
 180878 to 180886. From Hakari Province.  
 180878. No. 6258. Kalash, Semdinli.  
 180879. No. 6263. *Kumdari*. Hinanis.  
 180880. No. 6270. Halilan. Seeds white.  
 180881. No. 6271. Halilan.  
 180882. No. 6286. Daggol. Seeds white.  
 180883. No. 6302. *Kumdari*. Yuksekova.  
 180884. No. 6328. *Kumdari*. Bacirge, Yuksekova.  
 180885. No. 6348. *Kumdari*. Bilat.  
 180886. No. 6358. Piyamis, Lirinbucagi.  
 180887. *SORGHUM VULGARE* Pers. Poaceae.  
 No. 5676. Bafra, Samsun. Oct. 11.  
 180888. *SPARTIUM JUNCEUM* L. Fabaceae. **Weavers-broom.**  
 No. 5711. Akpinar, Bayramic, Canakkale. Sept. 15.  
 180889. *SAPONARIA* sp. Caryophyllaceae.  
 No. 10311. Askale, Erzurum. Aug. 20.  
 180890. *TAGETES* sp. Asteraceae. **Marigold.**  
 No. 10257. Diyarbakir, Diyarbakir.  
 180891. *TAGETES* sp.  
 No. 10264. Diyarbakir.  
 180892. *TAGETES* sp.  
 No. 10276. Diyarbakir.  
 180893. *TEUCRIUM* sp. Menthaceae.  
 No. 10307. Askale, Erzurum. Aug. 20.  
 180894 and 180895. *THUJA ORIENTALIS* L. Pinaceae. **Oriental arborvitae.**  
 180894. No. 9192. Hah, Erzincan. Sept. 17.  
 180895. No. 9832. Damascus airport, Syria. Oct. 21.  
 180896. *TRIFOLIUM SPUMOSUM* L. Fabaceae. **Clover.**  
 No. 5004. Antalya, Antalya. Aug. 21.  
 180897. *TRIFOLIUM* sp.  
 No. 5009. Antalya.  
 180898. *TRIFOLIUM* sp.  
 No. 9725. Slopes of Mount Hermon near Damascus, Syria. Oct. 16. Growing near moist hillside spot in gravelly soil.  
 180899. *URTICA* sp. Urticaceae.  
 No. 10334. Askale, Erzurum. Aug. 20.  
 180900. *VERBASCUM* sp. Scrophulariaceae.  
 No. 10315. Askale, Erzurum.  
 180901 to 180904. *VICIA LUTEA* L. Fabaceae. **Vetch.**  
 180901. No. 5007. Antalya, Antalya. Aug. 21.  
 180902. No. 5118. Kalivya, Malkara, Tekirdag. June 15. Wild type.  
 180903. No. 5878. Tekirdag, Tekirdag. Oct. 22.



**180793 to 180911—Continued****180901 to 180904—Continued**

**180904.** No. 9597. Director Emcet Yektay, Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Originally from Ayfon Province.

**180905.** *Vicia* sp.

No. 5063. Zir, Ankara. Aug. 23.

**180906.** *Xanthium strumarium* L. Asteraceae.

Cocklebur.

No. 5682. *Domuz Pitragi*. Bafra, Samsun. Sept. 5.

**180907 to 180911.** *Zinnia* spp. Asteraceae.

Zinnia.

Diyarbakir, Diyarbakir.

**180907.** *Zinnia* sp.

No. 10259.

**180908.** *Zinnia* sp.

No. 10259-A.

**180909.** *Zinnia* sp.

No. 10267.

**180910.** *Zinnia* sp.

No. 10271.

**180911.** *Zinnia* sp.

No. 10274.

**180912 to 180949.** *Avena sativa* L. Poaceae.

Common oats.

From Germany. Seeds presented by Wilhelm Rudorf, through the Biparte Control Office, Food, Agriculture, and Forestry Group, Frankfurt. Received Apr. 20, 1949.

**180912.** *Beseler II*.

**180913.** *Borrlesa*.

**180914.** *Breustedts Harly*.

**180915.** *Breustedts Widukind*.

**180916.** *Carsten VII* (St. 15).

**180917.** *Dippes Früher*. Seeds white.

**180918.** *Ebstorfer*. Seeds white.

**180919.** *Endress Hadilo*.

**180920.** *Endress*. Seeds white.

**180821.** *Engelens Ingo*.

**180922.** *Fichtelgebirgshafer II*.

**180923.** *Firlbecks Gelbhafer*.

**180924.** *Flamingsgold*.

**180925.** *Flamingstreue*.

**180926.** *Heines Gold*.

**180927.** *Heines Silber*.

**180928.** *Hohenheimer V*.

**180929.** *Von Kalbens Vienauer*.

**180930.** *Kirsches Pfiffelbacher*.

**180931.** *Kraftts Rhein*. Seeds yellow.

**180932.** *Langdorfer Weihestephaner*.

**180933.** *Lembkes Baldur*.

**180912 to 180949—Continued**

- 180934. *Lischower Früh.*
- 180935. *Lohmanns Weender IV.*
- 180936. *Maurener Weibhafer V. Reininghaus.*
- 180937. *Norddeutsche Pflanzenzucht (NPZ).* Seeds white.
- 180938. *Peragis Früh II.*
- 180939. *Peragis Weib.*
- 180940. *Pfetten Weihenstephaner.*
- 180941. *PSG Goldkorn (Pommersche Saatzuchtgesellschaft).*
- 180942. *Rotenburger Schwarz.*
- 180943. *Siegeshafer.*
- 180944. *Streckenthiner 9.*
- 180945. *Strubes Gelb II.*
- 180946. *Svalöfs Adler.*
- 180947. *Svalöfs Goldregen III.*
- 180948. *Wadsacks Gelb.*
- 180949. *Wentzels Anderbecker Gelb.*

**180950 to 180952. GOSSYPIUM HERBACEUM L. Malvaceae. Cotton.**

From India. Seeds presented by the Office of the Cotton Botanist, Surat. Received Apr. 21, 1949.

- 180950. No. 1027. A. L. F.
- 180951. 1A *Long Boll.*
- 180952. *Vijaya.*

**180953 to 180955. FRAGARIA. Rosaceae. Strawberry.**

From Portugal. Plants presented by Alfredo Moreira da Silva & Filhos, Porto. Received Apr. 21, 1949.

- 180953. *Santo Tirso.*
- 180954. *Porto.*
- 180955. *Matosinkos.*

**180956 to 181007.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 21, 1949.

Collected in 1948 unless otherwise indicated.

**180956 to 181001. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

180956 to 180965. From the region of the eastern Punjab near the Tibetan border.

- 180956. 8-A.
- 180957. 9-D. Early type.
- 180958. C-217.
- 180959. C-228. Adapted to late sowing.
- 180960. C-250. Rust-resistant.
- 180961. C-259.
- 180962. C-260.
- 180963. C-275.
- 180964. C-518. Strong stems; yields reported to be 4,480 pounds per acre.
- 180965. C-591. Major wheat type of Punjab Province.

**180956 to 181007—Continued****180956 to 181001—Continued**

180966. No. 10550. *Gehun*. Fojal, Kulu Valley, eastern Punjab. Nov. 21. Altitude 5,500 feet. Winter type.
180967. No. 10558. *Zarat*. Kyelang, Lahul, eastern Punjab. Nov. 26. Altitude 10,000 feet. Spring type; said to have been recently introduced from Lyallpur and superior in yield to most local types.
180968. No. 10563. *Schwatsi*. Gumrang, Lahul. Nov. 27. Altitude 10,000 feet. Spring type; considered best flour type in Lahul.
180969. No. 10569. *Razat*. Gundla, Lahul. Nov. 28. Altitude 9,500 feet. Spring type; low bran producer.
180970. No. 10577. *Gehun*. Solang, Kulu Valley, eastern Punjab. Dec. 1. Altitude 9,000 feet. Winter type.
180971. No. 10581. *Gehun*. Philchan, Kulu Valley. Altitude 8,000 feet. Winter type.
180972. No. 10593. Kyelang, Lahul. Nov. 27. Altitude 10,000 feet. Spring type.
180973. No. 10601. *Gehun*. Phulera, Jaipur State. Dec. 14. Spring type.
- 180974 to 180980. From Jodhpur State. Spring type.
180974. No. 10623. *Gehun*. Jodhpur City. Dec. 12.
180975. No. 10624. *Katha*. Jodhpur City.
180976. No. 10638. *Gehun*. Jodhpur City.
180977. No. 10663. Rohit. Dec. 16.
180978. No. 10686. *Gehun*. Pokaran. Dec. 18.
180979. No. 10690. *Gehun*. Pokaran.
180980. No. 10704. *Gehun*. Marwar Mundwa. Dec. 20.
- 180981 to 180991. From Sirohi State.
180981. No. 10725. *Gehun*. Sirohi. Dec. 25. Spring type.
180982. No. 10726. Sirohi. Spring type, said to have come originally from Australia.
180983. No. 10739. *Gehun*. Posalia. Spring type.
180984. No. 10744. *Katha*. Posalia. Spring type; sown on dry reservoir bed.
180985. No. 10760. Munadir. Dec. 26. Spring type; grown under conditions of little moisture.
180986. No. 10792. *Gehun*. Anadra. Dec. 29. Spring type.
180987. No. 10800. Anadra. Dec. 29.
180988. No. 10813. *Gehun*. Mount Abu. Jan. 2, 1949. Spring type.
180989. No. 10822. Mount Abu. Jan. 2, 1949.
180990. No. 10832. *Gehun*. Oria. Jan. 4, 1949. Altitude 3,500 feet. Spring type.
180991. No. 10835. *Gehun*. Oria. Jan. 4, 1949. Withstands frost.
180992. No. 10863. *Vajia*. Sidhpur, Baroda. Jan. 11, 1949. Spring type.
180993. No. 10873. *Katha*. Sidhpur, Baroda. Jan. 11, 1949.
- 180994 to 181001. From Kathiawar.
180994. No. 10962. *Ratha Katha*. Rajkot. Jan. 20, 1949. Spring type.
180995. No. 10963. Rajkot. Jan. 20, 1949.
180996. No. 10965. Rajkot. Jan. 20, 1949. Australian type.
180997. No. 10971. *Bhal*. Rajkot. Spring type.

**180956 to 181007—Continued****180956 to 181001—Continued****180994 to 181001—Continued**180998. No. 11019. *Desi Gaon*. Bhavnagar. Jan. 23, 1949. Spring type.180999. No. 11049. *Gaon*. Sihor. Jan. 25, 1949. Spring type.

181000. No. 11078-B. Sihor. Jan. 25, 1949.

181001. No. 11081-A. Sihor. Jan. 25, 1949.

181002. *TRITICUM DICOCCUM* Schrank.**Emmer.**No. 10999. *Poparti Gaon*. Bhavnagar, Kathiawar. Jan. 22, 1949. Rust-resistant.181003 to 181007. *AVENA SATIVA* L. Poaceae.**Common oats.**181003. No. 10501. *Jai*. Lahore, Pakistan. Dec. 1.181004. No. 10522. *Jai*. Saharanpur, United Provinces. Dec. 6.

181005. No. 10966. Rajkot, Kathiawar. Jan. 20, 1949.

181006. No. 10978. Rajkot, Kathiawar.

181007. No. 11085. Origin unknown.

**181008 to 181115.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 22, 1949.

Collected in 1948 unless otherwise indicated.

181008. *ALLIUM CEPA* L. Liliaceae.**Onion.**

No. 8560-A. Mirpur Khas, Sind.

181009. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

No. 8561. Mirpur Khas, Sind.

181010. *ARUNDO DONAX* L. Poaceae.**Giant reed.**

No. 8562. Lahore, Pakistan. Nov. 29. Hedge grass 8 feet high.

181011. *BETA VULGARIS* L. Chenopodiaceae.**Beet.**

No. 8563. Mirpur Khas, Sind. Leaf type.

181012 to 181016. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae.**Sarson.**

From Lyallpur, Punjab.

181012. No. 8564. T-9.

181015. No. 8567. T-6.

181013. No. 8565. L-1.

181016. No. 8568. T-7.

181014. No. 8566. T-5.

181017. *BRASSICA JUNCEA* (L.) COSS.**Chinese mustard.**

No. 8569. Mirpur Khas, Sind.

181018 to 181023. *BRASSICA CAMPESTRIS* var. *SARSON* Prain.**Sarson.**

From Lyallpur, Punjab.

181018. No. 8570.

181021. No. 8573.

181019. No. 8571.

181022. No. 8574.

181020. No. 8572.

181023. No. 8575.

181024. *BRASSICA CAMPESTRIS* L.

No. 8576. Lyallpur, Punjab.

**181008 to 181115—Continued**

- 181025 to 181038. *BRASSICA JUNCEA* (L.) COSS. Chinese mustard.  
 From Lyallpur, Punjab.
- |                         |                                     |
|-------------------------|-------------------------------------|
| 181025. No. 8577. T-44. | 181032. No. 8584. T-25.             |
| 181026. No. 8578. L-9.  | 181033. No. 8585. L-18.             |
| 181027. No. 8579. T-30. | 181034. No. 8586. L-23. Early type. |
| 181028. No. 8580. T-20. | 181035. No. 8587. T-28.             |
| 181029. No. 8581. T-22. | 181036. No. 8588. T-21.             |
| 181030. No. 8582. T-23. | 181037. No. 8589. T-26.             |
| 181031. No. 8583. T-31. | 181038. No. 8590. T-36.             |
181039. *BRASSICA NIGRA* (L.) KOCH. Black mustard.  
 No. 8591. Lyallpur, Punjab.
181040. *BRASSICA* sp.  
 No. 8592. *Rai*. Sakrand, Sind.
181041. *BRASSICA* sp.  
 No. 8593. *Rai*. Karachi, Sind.
181042. *BRASSICA* sp.  
 No. 8594. *Jambo*. Sakrand, Sind.
181043. *BRASSICA* sp.  
 No. 8595. L-16. Lyallpur, Punjab. Early type.
181044. *BRASSICA* sp.  
 No. 8596. T-24. Lyallpur.
181045. *BRASSICA* sp.  
 No. 8597. *Rai*. Lyallpur.
181046. *BRASSICA* sp.  
 No. 8598. *Toni A*. Lyallpur.
181047. *BRASSICA* sp.  
 No. 8599. T-18. Lyallpur.
181048. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae. Jackbean.  
 No. 8600. Mirpur Khas, Sind.
181049. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.  
 No. 8601. Mirpur Khas, Sind.
181050. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.  
 No. 8602. Lyallpur, Punjab.
181051. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.  
 No. 8603. Mirpur Khas, Sind.
181052. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
 No. 8604. Mirpur Khas, Sind.
181053. *ERIANTHUS GIGANTEUS* (Walt.) Muhl. Poaceae.  
 No. 8605. Mirpur Khas, Sind. Growing along canal in clumps; plants 12 feet high.
- 181054 and 181055. *ERUCA SATIVA* Mill. Brassicaceae. Rocket-salad.  
 181054. No. 8606. Lyallpur, Punjab.  
 181055. No. 8607. Sakrand, Sind.
181056. *EUROTIA* sp. Chenopodiaceae.  
 No. 8608. Mirpur Khas, Sind.

## 181008 to 181115—Continued

- 181057 to 181059. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 181057. No. 8609. H-106. Lyallpur, Punjab.  
 181058. No. 8610. T-5. Lyallpur.  
 181059. No. 8611. H-20. Lyallpur.
- 181060 and 181061. *ORYZA SATIVA* L. Poaceae. **Rice.**  
 181060. No. 8612. *41 Mushuan*. Lyallpur, Punjab. Scented type.  
 181061. No. 8613. *Basmati 370*. Lyallpur.
181062. *PLANTAGO* sp. Plantaginaceae. **Plantain.**  
 No. 8614. Sakrand, Sind.
- 181063 to 181066. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
 181063. No. 8615. Sakrand, Sind.  
 181064. No. 8616. C-3. Lyallpur, Punjab.  
 181065. No. 8617. C-14. Lyallpur.  
 181066. No. 8618. W-115. Lyallpur.
181067. *ERIANTHUS* sp. Poaceae.  
 No. 8619. Sakrand, Sind. Nov. 21.
- 181068 to 181073. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
 181068. No. 8620. Sakrand, Sind.  
 181069. No. 8621. Mirpur Khas, Sind.  
 181070. No. 8622. Mirpur Khas.  
 181071. No. 8623. T-22. Lyallpur, Punjab.  
 181072. No. 8624. T-15. Lyallpur.  
 181073. No. 8625. T-5. Lyallpur.
- 181074 to 181085. *SORGHUM VULGARE* Pers. Poaceae.  
 From Sakrand, Sind.  
 181074. No. 8626. *Red Janpur*. Stem turns red from bottom to top when it  
 nears maturity. Grain type.  
 181075. No. 8627. *Red Turi*. Sweet type; grain red. Stems red when ripe.  
 181076. No. 8628. *Saoro Karthunho*. Dark glumes and grayish white grain.  
 Grain type.  
 181077. No. 8629. *Depar*. Grain type.  
 181078. No. 8630. *Allakh*. Grain type.  
 181079. No. 8631. *Acho Kodri*. Grain type.  
 181080. No. 8632. *Honey Sorghum*. American type.  
 181081. No. 8633. *Bagdar*. Grain type.  
 181082. No. 8634. *Achi Turi*. Sweet type.  
 181083. No. 8635. *Kamandri*.  
 181084. No. 8636. *Acho Kartuhho Turi*.  
 181085. No. 8637. *Acho Kartuhho*. White grain and dark glumes. Grain  
 type.
181086. *SPINACIA OLERACEA* L. Chenopodiaceae. **Spinach.**  
 No. 8638. Mirpur Khas, Sind.
181087. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**  
 No. 8639. Sakrand, Sind.

**181008 to 181115—Continued****181088 to 181113.** *HORDEUM VULGARE* L. Poaceae.

Barley.

181088. No. 8640. *T-5*. Lyallpur, Punjab.181089. No. 8641. *T-4*. Lyallpur.181090. No. 10237. *Oowajao*. Ponti, Tehri. Oct. 18. Altitude 6,500 feet; winter type.181091. No. 10254. *Oowajao*. Koshala, Tehri. Oct. 19. Altitude 7,500 feet; winter type.181092. No. 10324. *Jao*. Doggaon, Tehri. Nov. 1. Altitude 3,500 feet; spring type.181093. No. 10495. *Jao*. Lahore, Pakistan. Dec. 1. Spring type.181094 to 181096. *Kyelang*, eastern Punjab. Dec. 27. Altitude 10,000 feet.181094. No. 10561. *Salzot*. Spring type.181095. No. 10562. *Tanzot*. Early-spring type.181096. No. 10565. *Pangizat*. Spring type. Said to be beardless.181097. No. 10567. *Sermo*. Jurnad, Lahul, eastern Punjab. Nov. 27. Altitude 10,000 feet; spring type; good yielder.181098. No. 10570. *Salzot*. Gundla, Lahul. Nov. 28. Altitude 9,500 feet; spring type.181099. No. 10572. *Zat*. Quakling, Lahul. Nov. 29. Altitude 10,000 feet; spring type.181100. No. 10573. *Bhatne*. Koksar, Lahul. Altitude 11,000 feet; spring type.181101. No. 10578. *Jao*. Solang, Kulu Valley, eastern Punjab. Dec. 1. Altitude 9,000 feet; winter type.

181102. No. 10596. Gundla, Lahul. Nov. 28. Altitude 9,500 feet; spring type.

181103. No. 10603. *Jao*. Phulera, Jaipur. Dec. 11. Spring type.

181104. No. 10627. Jodhpur City, Jodhpur. Dec. 12. Spring type.

181105. No. 10685. *Jao*. Pokaran, Jodhpur. Dec. 18. Spring type.181106. No. 10706. *Jao*. Marwar Mundwa, Jodhpur. Dec. 20. Spring type.181107. No. 10732. *Jao*. Sirohi, Sirohi. Dec. 25. Spring type.

181108. No. 10745. Posalia, Sirohi. Spring type.

181109. No. 10762. Munadir, Sirohi. Dec. 26. Spring type.

181110. No. 10818. Mount Abu, Sirohi. Jan. 2, 1949. Spring type.

181111. No. 10830. Oria, Sirohi. Jan. 4, 1949. Altitude 3,500 feet. Spring type. Withstands light ice formation.

181112. No. 10847. Abu Road, Sirohi. Jan. 9, 1949. Spring type.

181113. No. 10893. Sidhpur, Baroda. Jan. 14, 1949. Spring type.

**181114.** *HORDEUM DISTICHON* L.

No. 10956-A. Rajkot, Kathiawar. Jan. 20, 1949. Spring type.

**181115.** *HORDEUM VULGARE* L.

No. 11050. Sihor, Kathiawar. Jan. 25, 1949. Spring type.

**181116.** *ACACIA GALPINII* Burt-Davy. Fabaceae.

From the Union of South Africa. Seeds presented by L. C. Liebenberg, South African Department of Agriculture, Pretoria, Transvaal. Received Apr. 22, 1949.

**181117. GOSSYPIUM. Malvaceae.****Cotton.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural and Engineering, Beltsville, Md. Received Apr. 22, 1949.

No. 11051. *Rui*. Sihor, Kathiawar. Jan. 25, 1949. Early-maturing, short staple.

**181118 to 181133.**

From Denmark. Seeds presented by the University Botanic Garden, Copenhagen. Received Apr. 25, 1949.

181118. *CENTRANTHUS RUBER* DC. Valerianaceae.

181119. *ERODIUM GRUINUM* Soland. Geraniaceae.

181120. *ERODIUM MANESCAVII* Cass.

181121. *GERANIUM DISSECTUM* L. Geraniaceae.

181122. *GERANIUM NEPALENSE* Sweet.

181123. *GERANIUM PRATENSE* L.

181124. *GERANIUM PUSILLUM* Burm. f.

181125. *GERANIUM ROBERTIANUM* L.

181126. *GERANIUM SIBIRICUM* L.

181127. *GERANIUM WILFORDII* Maxim.

181128. *MIMULUS CARDINALIS* Benth. Scrophulariaceae.

181129. *MIMULUS GUTTATUS* DC.

181130. *MIMULUS PILOSIUSCULUS* H. B. K.

181131. *PELARGONIUM GROSSULARIODES* Ait. Geraniaceae.

181132. *PELARGONIUM INODORUM* Willd.

181133. *ZYGOPHYLLUM FABAGO* L. Zygophyllaceae.

**181134. GLYCYRRHIZA GLABRA L. Fabaceae.****Licorice.**

From Syria. Roots presented by Clarence Eyer, Near East Foundation, Damascus. Received Apr. 25, 1949.

**181135 to 181142. ASTRAGALUS SINICUS L. Fabaceae.**

From Japan. Seeds collected by Dr. Warren Leonard, Natural Resources Section, SCAP, APO #500, San Francisco, Calif. Received Apr. 25, 1949.

181135. *Chubansei*.

181139. *Genshu*.

181136. *Daibansei*.

181140. *Genshu*.

181137. *Daibansei*.

181141. *Kairiyoshu*.

181138. *Daibansei*.

181142. *Kairiyoshu*.

**181143 to 181163.**

From the Netherlands. Seeds presented by Dr. C. Koopman, Hoofddorp. Received Apr. 25, 1949.

181143 to 181145. *AVENA SATIVA* L. Poaceae.

**Common oats.**

181143. *Libertus*.

181144. *Marne*.

181145. *Pax*.

181146. *DACTYLIS GLOMERATA* L. Poaceae.

**Orchard grass.**

181147. *FESTUCA ELATIOR* L. Poaceae.

**Meadow fescue.**

181148 and 181149. *HORDEUM DISTICHON* L. Poaceae.

**Barley.**

181148. *Agio*.

181149. *Balder*.



**181143 to 181163—Continued**

181150. HORDEUM SP.

*Bigo.*

181151. HORDEUM DISTICHON L.

*Kenia.*

181152. LOTUS ULIGINOSUS Schkuhr. Fabaceae.

Big trefoil.

181153. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

181154 to 181157. PISUM SATIVUM L. Fabaceae.

Pea.

181154. *Parel.*181156. *Stijfstro.*181155. *Rondo.*181157. *Zelka.*

181158 and 181159. SECALE CEREALE L. Poaceae.

Rye.

181158. *Dominant.*181159. *Petkuser.*

181160. TRIFOLIUM REPENS L. Fabaceae.

White clover.

181161 and 181162. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

181161. *Alba.*181162. *Staring.*

181163. ZEA MAYS L. Poaceae.

Corn.

*Vroege Gele Ronde C. B.***181164. FRAGARIA. Rosaceae.****Strawberry.**

From Denmark. Plants presented by N. Dullum, Blangstedgaard. Received May 12, 1949.

*Guldgruben.***181165 to 181168. VITIS VINIFERA L. Vitaceae. European grape.**

From Portugal. Cuttings presented by the Direcção de Agricultura, Funchal, Madeira. Received Apr. 27, 1949.

181165. *Malvazia.*181167. *Tinta.*181166. *Boal.*181168. *Verdelho.***181169 to 181234. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by the Etablissements Viticoles Maclet-Botton, Villefranche-en-Beaujolais. Received Apr. 27, 1949.

181169. *Seibel* No. 12583.181183. *Burdin* No. 7087.181170. *Seibel* No. 14665.181184. *Burdin* No. 5620.181171. *S. Villard* No. 20-367.181185. *Burdin* No. 7365.181172. *Seibel* No. 5455.181186. *Burdin* No. 7216.181173. *Seibel* No. 14404.181187. *Burdin* No. 7200.181174. *Seibel* No. 4986.181188. *Burdin* No. 6205.181175. *Seibel* No. 14654.181189. *Burdin* No. 7419.181176. *Seibel* No. 5279.181190. *Burdin* No. 7382.

181177. No. 14664.

181191. *Burdin* No. 7206.181178. *Beyer* No. 2.181192. *Burdin* No. 6685.181179. *Burdin* No. 4510.181193. *Burdin* No. 7390.181180. *Burdin* No. 7468.181194. *Burdin* No. 7195.181181. *Burdin* No. 5440.181195. *Burdin* No. 5883.181182. *Burdin* No. 4725.181196. *Burdin* No. 6600.

**181169 to 181234—Continued**

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|------------------------------------|--|
| 181197. <i>B. Seyve</i> No. 4825.  | 181216. <i>Kuhlman</i> No. 296-1.      |
| 181198. <i>Coudere</i> No. 299-35. | 181217. <i>Perratan</i> No. 34.        |
| 181199. <i>Kuhlman</i> No. 188-2.  | 181218. <i>Oberlin</i> No. 604.        |
| 181200. <i>Humert</i> No. 3.       | 181219. <i>Oberlin</i> No. 595.        |
| 181201. <i>Landot</i> No. 2282.    | 181220. <i>Oberlin</i> No. 782.        |
| 181202. <i>Landot</i> No. 244.     | 181221. <i>Joanes Seyve</i> No. 9-149. |
| 181203. <i>Landot</i> No. 1680.    | 181222. <i>S. Villard</i> No. 20-365.  |
| 181204. <i>Landot</i> No. 1674.    | 181223. <i>S. Villard</i> No. 14-281.  |
| 181205. <i>Landot</i> No. 304.     | 181224. <i>S. Villard</i> No. 23-410.  |
| 181206. <i>Landot</i> No. 2283.    | 181225. <i>S. Villard</i> No. 20-347.  |
| 181207. <i>Excelsior</i> No. 104.  | 181226. <i>S. Villard</i> No. 18-315.  |
| 181208. <i>Seibel</i> No. 13053.   | 181227. <i>S. Villard</i> No. 12-375.  |
| 181209. <i>Seibel</i> No. 14514.   | 181228. <i>S. Villard</i> No. 20-366.  |
| 181210. <i>Seibel</i> No. 7053.    | 181229. <i>S. Villard</i> No. 20-473.  |
| 181211. <i>Seibel</i> No. 14639.   | 181230. <i>S. Villard</i> No. 18-283.  |
| 181212. <i>Kuhlman</i> No. 187-I.  | 181231. <i>S. Villard</i> No. 23-501.  |
| 181213. <i>Kuhlman</i> No. 237-2.  | 181232. <i>Seibel</i> No. 13770.       |
| 181214. <i>Kuhlman</i> No. 482-2.  | 181233. <i>Seibel</i> No. 8745.        |
| 181215. <i>Kuhlman</i> No. 194-2.  | 181234. <i>Vidal</i> No. 256.          |

**181235 to 181242.**

From India. Seeds obtained through E. G. Nelson, Division of Cotton and Other Fiber Crops, Bureau Plant Industry, Soils, Agricultural Engineering, Beltsville, Md. Received Apr. 27, 1949.

From Calcutta.

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|--|----------------------|--------------|
| 181235 to 181238. <i>CORCHORUS CAPSULARIS</i> L. | Tiliaceae.           | <b>Jute.</b> |
| 181235. D 154.                                   | 181237. C 42-Kj-231. |              |
| 181236. C 41-13.                                 | 181238. C 39-212.    |              |
| 181239 to 181242. <i>CORCHORUS OLITORIUS</i> L.  |                      | <b>Jute.</b> |
| 181239. C. G.                                    | 181241. 040-632.     |              |
| 181240. 039-620.                                 | 181242. 040-753.     |              |

**181243 to 181435. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Apr. 28, 1949.

A collection originally from Afghanistan.

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|-----------------|-----------------|
| 181243. No. 1.  | 181254. No. 12. |
| 181244. No. 2.  | 181255. No. 13. |
| 181245. No. 3.  | 181256. No. 14. |
| 181246. No. 4.  | 181257. No. 15. |
| 181247. No. 5.  | 181258. No. 16. |
| 181248. No. 6.  | 181259. No. 17. |
| 181249. No. 7.  | 181260. No. 18. |
| 181250. No. 8.  | 181261. No. 19. |
| 181251. No. 9.  | 181262. No. 20. |
| 181252. No. 10. | 181263. No. 21. |
| 181253. No. 11. | 181264. No. 22. |

## 181243 to 181435—Continued

181265.	No. 23.	181309.	No. 67.
181266.	No. 24.	181310.	No. 68.
181267.	No. 25.	181311.	No. 69.
181268.	No. 26.	181312.	No. 70.
181269.	No. 27.	181313.	No. 71.
181270.	No. 28.	181314.	No. 72.
181271.	No. 29.	181315.	No. 73.
181272.	No. 30.	181316.	No. 74.
181273.	No. 31.	181317.	No. 75.
181274.	No. 32.	181318.	No. 77.
181275.	No. 33.	181319.	No. 78.
181276.	No. 34.	181320.	No. 79.
181277.	No. 35.	181321.	No. 80.
181278.	No. 36.	181322.	No. 81.
181279.	No. 37.	181323.	No. 82.
181280.	No. 38.	181324.	No. 83.
181281.	No. 39.	181325.	No. 84.
181282.	No. 40.	181326.	No. 85.
181283.	No. 41.	181327.	No. 86.
181284.	No. 42.	181328.	No. 87.
181285.	No. 43.	181329.	No. 88.
181286.	No. 44.	181330.	No. 89.
181287.	No. 45.	181331.	No. 92.
181288.	No. 46.	181332.	No. 93.
181289.	No. 47.	181333.	No. 94.
181290.	No. 48.	181334.	No. 95.
181291.	No. 49.	181335.	No. 96.
181292.	No. 50.	181336.	No. 97.
181293.	No. 51.	181337.	No. 101.
181294.	No. 52.	181338.	No. 102.
181295.	No. 53.	181339.	No. 103.
181296.	No. 54.	181340.	No. 104.
181297.	No. 55.	181341.	No. 105.
181298.	No. 56.	181342.	No. 106.
181299.	No. 57.	181343.	No. 107.
181300.	No. 58.	181344.	No. 108.
181301.	No. 59.	181345.	No. 109.
181302.	No. 60.	181346.	No. 111.
181303.	No. 61.	181347.	No. 112.
181304.	No. 62.	181348.	No. 113.
181305.	No. 63.	181349.	No. 114.
181306.	No. 64.	181350.	No. 116.
181307.	No. 65.	181351.	No. 117.
181308.	No. 66.	181352.	No. 118.

## 181243 to 181435—Continued

181353. No. 119.	181395. No. 163.
181354. No. 121.	181396. No. 164.
181355. No. 122.	181397. No. 165.
181356. No. 123.	181398. No. 166.
181357. No. 124.	181399. No. 167.
181358. No. 125.	181400. No. 168.
181359. No. 126.	181401. No. 169.
181360. No. 127.	181402. No. 170.
181361. No. 128.	181403. No. 171.
181362. No. 129.	181404. No. 172.
181363. No. 130.	181405. No. 173.
181364. No. 131.	181406. No. 174.
181365. No. 132.	181407. No. 176.
181366. No. 133.	181408. No. 177.
181367. No. 134.	181409. No. 178.
181368. No. 135.	181410. No. 180.
181369. No. 136.	181411. No. 182.
181370. No. 137.	181412. No. 183.
181371. No. 138.	181413. No. 184.
181372. No. 139.	181414. No. 185.
181373. No. 140.	181415. No. 186.
181374. No. 141.	181416. No. 187.
181375. No. 142.	181417. No. 188.
181376. No. 143.	181418. No. 189.
181377. No. 144.	181419. No. 190.
181378. No. 145.	181420. No. 191.
181379. No. 146.	181421. No. 192.
181380. No. 147.	181422. No. 193.
181381. No. 148.	181423. No. 194.
181382. No. 149.	181424. No. 195.
181383. No. 151.	181425. No. 196.
181384. No. 152.	181426. No. 197.
181385. No. 153.	181427. No. 198.
181386. No. 154.	181428. No. 199.
181387. No. 155.	181429. No. 200.
181388. No. 156.	181430. No. 201.
181389. No. 157.	181431. No. 202.
181390. No. 158.	181432. No. 203.
181391. No. 159.	181433. No. 204.
181392. No. 160.	181434. No. 205.
181393. No. 161.	181435. No. 206.
181394. No. 162.	

**181436.** *JACARANDA MIMOSIFOLIA* D. Don. Bignoniaceae.

From Argentina. Seeds presented by the Jardin Botánico, Buenos Aires. Received Feb. 1, 1934.

**181437 to 181446.**

From Uruguay. Seeds presented by the Campo Experimental de Pastos, Florida.  
Received Apr. 25, 1949.

- |   |           |                    |
|---|-----------|--------------------|
| 181437. DACTYLIS GLOMERATA L.                             | Poaceae.  | Orchard grass.     |
| 181438. MELILOTUS ALBA Desr.                              | Fabaceae. | White sweetclover. |
| 181439. PHALARIS PLATENSIS (Arech.) Valencia.             | Poaceae.  |                    |
| 181440. PHALARIS TUBEROSA var. STENOPTERA (Hack.) Hitchc. |           |                    |
| 181441. PIPTOCHAETIUM BICOLOR var. MINOR (Speg.) Parodi.  | Poaceae.  |                    |
| 181442. PIPTOCHAETIUM VERRUCULOSUM (Mez) Henr.            |           |                    |
| 181443. POA BONARIENSIS (Lam.) Kunth.                     | Poaceae.  |                    |
| 181444. POA IRIDIFOLIA Hauman.                            |           |                    |
| 181445. POA LANIGERA Nees.                                |           |                    |
| 181446. POLYPOGON CHILENSIS (Kunth) Pilger.               | Poaceae.  |                    |

**181447 and 181448.**

From Costa Rica. Tubers presented by the American Embassy, San José. Received Apr. 29, 1949.

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|-----------------------|----------------|
| 181447. DIOSCOREA sp. | Dioscoreaceae. |
| 181448. DIOSCOREA sp. |                |

**181449 to 181473.**

From Finland. Seeds presented by the Central Experiment Station of Finland, Jokiöinen. Received Apr. 29, 1949.

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|--|--------------------|---------------|
| 181449 to 181454. SECALE CEREALE L.    | Poaceae.           | Rye.          |
| 181449. Finnish Native.                | 181452. Petkus.    |               |
| 181450. Onni.                          | 181453. Steel.     |               |
| 181451. Pekka.                         | 181454. Toivo.     |               |
| 181455 to 181473. TRITICUM AESTIVUM L. | Poaceae.           | Common wheat. |
| 181455 to 181464. Winter wheat.        |                    |               |
| 181455. Finnish.                       | 181460. Sampo.     |               |
| 181456. Gluten.                        | 181461. Sukkula.   |               |
| 181457. Olympia.                       | 181462. Svea I.    |               |
| 181458. Panu.                          | 181463. Thule III. |               |
| 181459. Pohjola.                       | 181464. Varma.     |               |
| 181465 to 181473. Spring wheat.        |                    |               |
| 181465. Atle.                          | 181470. Progress.  |               |
| 181466. Diamant I.                     | 181471. Ruskea.    |               |
| 181467. Diamant II.                    | 181472. Sopu.      |               |
| 181468. Hopea.                         | 181473. Tammi.     |               |
| 181469. Kimmo.                         |                    |               |

**181474 to 181482. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by the Etablissements Viticoles Maclet-Botton, Villefranche-en-Beaujolais. Received Apr. 29, 1949.

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|-------------------------|-----------------------|
| 181474. Baco 2-16.      | 181479. Oberlin 782.  |
| 181475. Baco 37-16.     | 181480. Ravat 6.      |
| 181476. Burdin 5201.    | 181481. Ravat 51.     |
| 181477. Kuhlmann 477-1. | 181482. S. V. 23-410. |
| 181478. Landot 2282.    |                       |

**181483 and 181484. VOANDZEIA SUBTERRANEA (L.) Thouars.**

Fabaceae.

**Groundnut.**

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received Apr. 26, 1949.

*Njugo Bean.*

181483. Seeds light-brown.

181484. Seeds dark-brown.

**181485. SORGHUM HALEPENSE (L.) Pers. Poaceae. Johnson grass.**

From the Territory of Hawaii. Seeds presented by A. J. Mangelsdorf, Experiment Station, Honolulu. Received May 3, 1949.

**181486 to 181530. SACCHARUM. Poaceae.****Sugarcane.**

From India. Cuttings presented by the Sugarcane Breeding Station, Coimbatore. Received May 3, 1949.

181486. *Agioule.*181509. *Manga.*181487. *Baroukha.*181510. *Mangiwa.*181488. *Baroukha* 239.181511. *Mango Sic.*181489. *Boria.*181512. *Matanwar.*181490. *Buxaria.*181513. *Matki Mango.*181491. *Chin.*181514. *Matna.*181492. *Chynia.*181515. *Messangari.*181493. *Dark Pindaria.*181516. *Naanal.*181494. *Dhaur.*181517. *Newra.*181495. *Ganda Cheni.*181518. *Pararia.*181496. *Gianapathy.*181519. *Patarki Mango.*181497. *Sararoo.*181520. *Pathri.*181498. *Hulla Kabbu.*181521. *Paunra.*181499. *Kalari.*181522. *Reora.*181500. *Katai.*181523. *Reori.*181501. *Kalkya.*181524. *Rhea Sport.*181502. *Katha.*181525. *Rounda.*181503. *Kahadya Nasih.*181526. *Sarauti.*181504. *Khari.*181527. *Sin Nombre.*181505. *Khatuiya.*181528. *Sunnabile.*181506. *Kuswar.*181529. *Tereru.*181507. *Lataria.*181530. *White Pararia.*181508. *Latri.***181531 to 181571. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.**

From Japan. Seeds collected by E. B. Coffman, Agricultural Division, NRS, GHQ, SCAP, APO 500, San Francisco, Calif. Received May 4, 1949.

181531. No. 1.

181538. No. 11.

181532. No. 2.

181539. No. 12.

181533. No. 4.

181540. No. 20.

181534. No. 5.

181541. No. 21.

181535. No. 6.

181542. No. 22.

181536. No. 7.

181543. No. 23.

181537. No. 8.

181544. No. 24.

**181531 to 181571—Continued**

181545. No. 25.	181559. No. 42.
181546. No. 26.	181560. No. 43.
181547. No. 27.	181561. No. 46.
181548. No. 29.	181562. No. 48.
181549. No. 30.	181563. No. 49.
181550. No. 31.	181564. No. 50.
181551. No. 32.	181565. No. 52.
181552. No. 33.	181566. No. 53.
181553. No. 34.	181567. No. 54.
181554. No. 36.	181568. No. 55.
181555. No. 38.	181569. No. 56.
181556. No. 39.	181570. No. 57.
181557. No. 40.	181571. No. 58.
181558. No. 41.	

**181572 to 181585.**

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received Apr. 25, 1949.

181572. <i>ACROCERAS MACRUM</i> Stapf. Poaceae.	
181573. <i>CYNODON DACTYLON</i> (L.) Pers. Poaceae.	Bermuda grass.
181574. <i>LOTONONIS BAINESII</i> Baker. Fabaceae.	
181575 to 181578. <i>PANICUM MAXIMUM</i> Jacq. Poaceae.	Guinea grass.
181575. No. 1.	181577. No. 3.
181576. No. 2.	181578. No. 4.
181579. <i>PANICUM STAPFIANUM</i> Fourc.	
181580 and 181581. <i>SETARIA SPHACELATA</i> (Schum.) Stapf & Hubbard. Poaceae.	
181580. No. 1.	
181581. No. 2.	
181582. <i>SETARIA NIGRIROSTRIS</i> (Nees) Dur. & Schinz. Poaceae.	
181583. <i>UROCHLOA</i> sp. Poaceae.	
181584. <i>VIGNA TRILOBA</i> (Thunb.) Walp. Fabaceae.	
181585. <i>VIGNA WILMSII</i> Burt-Davy.	

**181586 to 181601.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 10, 1949.

181586. <i>CAPSICUM FRUTESCENS</i> L. Solanaceae.	Redpepper.
181587. <i>CUCURBITA PEPO</i> L. Cucurbitaceae.	Pumpkin.
181588. <i>LUPINUS</i> sp. Fabaceae.	
181589 to 181600. <i>PHASEOLUS VULGARIS</i> L. Fabaceae.	Common bean.
181589. No. 1.	181595. No. 7.
181590. No. 2.	181596. No. 8.
181591. No. 3.	181597. No. 9.
181592. No. 4.	181598. No. 10.
181593. No. 5.	181599. No. 11.
181594. No. 6.	181600. No. 12.
181601. <i>VICIA FABA</i> L. Fabaceae.	Broadbean.

**181602 to 181680. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by Seyve Villard, Paris. Received May 10, 1949.

181602. S. V. 1-72.	181642. B. S. 872.
181603. S. V. 5-247.	181643. B. S. 2667.
181604. S. V. 7-111.	181644. B. S. 2758.
181605. S. V. 10-271.	181645. B. S. 3408.
181606. S. V. 10-300.	181646. B. S. 4825.
181607. S. V. 10-437.	181647. B. S. 5563.
181608. S. V. 11-318.	181648. B. S. 6264.
181609. S. V. 12-129.	181649. B. S. 6283.
181610. S. V. 12-286.	181650. J. S. 11-369.
181611. S. V. 12-328.	181651. J. S. 12-426.
181612. S. V. 12-331.	181652. J. S. 12-428.
181613. S. V. 12-390.	181653. J. S. 12-448.
181614. S. V. 12-391.	181654. J. S. 12-462.
181615. S. V. 12-395.	181655. J. S. 13-733.
181616. S. V. 12-426.	181656. J. S. 13-756.
181617. S. V. 12-622.	181657. J. S. 14-924.
181618. S. V. 12-734.	181658. J. S. 14-948.
181619. S. V. 12-789.	181659. J. S. 14-982.
181620. S. V. 13-359.	181660. J. S. 14-875.
181621. S. V. 14-270.	181661. J. S. 16-104.
181622. S. V. 14-281.	181662. J. S. 16-150.
181623. S. V. 14-287.	181663. J. S. 23-416.
181624. S. V. 15-151.	181664. J. S. 24-160.
181625. S. V. 16-207.	181665. J. S. 25-631.
181626. S. V. 18-307.	181666. J. S. 25-874.
181627. S. V. 19-159.	181667. J. S. 24-397.
181628. S. V. 19-233.	181668. J. S. 26-674.
181629. S. V. 19-439.	181669. J. S. 24-651.
181630. S. V. 3-160.	181670. J. S. 26-487.
181631. S. V. 20-347.	181671. J. S. 26-490.
181632. S. V. 23-410.	181672. J. S. 24-408.
181633. S. V. 20-366.	181673. J. S. 26-627.
181634. <i>Siebel</i> 9110.	181674. J. S. 26-649.
181635. S. V. 20-473.	181675. J. S. 24-614.
181636. S. V. 20-365.	181676. J. S. 26-205.
181637. S. V. 23-18.	181677. <i>Siebel</i> 5-279.
181638. S. V. 23-353.	181678. <i>Siebel</i> 5437.
181639. S. V. 23-512.	181679. <i>Siebel</i> 11-257.
181640. S. V. 30-56.	181680. J. S. 9149.
181641. S. V. 34-211.	



**181681 and 181682.**

From Mexico. Seeds presented by M. Martínez, Mexico City. Received May 11, 1949.

181681. *ABIES GUATEMALENSIS* var. *JALISCANA* Martínez. Pinaceae. **Fir.**

181682. *PINUS AYACAHUITE* var. *BRACHYPTERA* Shaw. Pinaceae. **Pine.**

**181683 to 181685. *BETA VULGARIS* L. Chenopodiaceae. **Beet.****

From England. Seeds presented by Dr. S. Ellerton, Maldon, Essex. Received May 16, 1949.

181683. No. 1.

181684. No. 2.

181685. No. 3.

**181686. *SIMMONDSIA CHINENSIS* (Link) C. Schneid. Buxaceae.**

From Mexico. Seeds presented by C. Ramirez, Hermosillo, Sonora. Received May 16, 1949.

*Jojoba.*

**181687 to 181693. *LILIUM*. Liliaceae.**

From Canada. Plant presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received May 17, 1949.

181687. *Davidii* × *Nubian*.

181688. *Duchess*.

181689. *Elegans* type, Africa, unspotted.

181690. *Elegans* type, golden yellow, unspotted.

181691. *Elegans* type, yellow, few spots.

181692. *Hunson* × *Med*.

181693. *Yellow Bunting*.

**181694 to 181699.**

From Surinam. Seeds presented by the Algemeene Cultuur Maalschappy, Paramaribo. Received May 17, 1949.

181694 and 181695. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

181694. *Schwarz*. 21.

181695. *Gadjak*.

181696 to 181699. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**

181696. No. 16. Seeds black. 181698. No. 29. Seeds white.

181697. No. 27. Seeds black. 181699. *Ringgit*. Seeds white.

**181700. *FRAGARIA*. Rosaceae. **Strawberry.****

From Canada. Plants presented by the Honeywood Nursery, Parkside, Saskatchewan. Received May 17, 1949.

*Sparta*.

**181701. *FRAGARIA*. Rosaceae. **Strawberry.****

From France. Seeds presented by Charles Simmen, Montmorency. Received May 18, 1949.

*Quatre-Saisons Riene Des Valles; Baron Solemacher.*

**181702 to 181706. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.****

From Norway. Tubers presented by Dr. A. P. Lundeen, Vollebakk. Received May 20, 1949.

181702. *Arran Pilot*. 181705. *Dukkar*.

181703. *Aspotet* × *Virus Free*. 181706. *Epicure*.

181704. *Doon Early*.

**181707. PHORMIUM TENAX Forst. Liliaceae. New Zealand flax.**

From Argentina. Seeds presented by Enrique C. Clos, Ministry of Agriculture, Buenos Aires. Received May 20, 1949.

**181708. HIBISCUS CANABINUS L. Malvaceae. Kenaf.**

From El Salvador. Seeds presented by an unknown donor. Received May 20, 1949.

**181709 to 181845.**

From Syria, Lebanon, and Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agriculture Engineering, Beltsville, Md. Received May 20, 1949.

Collected in Syria in 1948, unless otherwise indicated.

**181709 to 181712. ALLIUM CEPA L. Liliaceae. Onion.**

From Chtura, Lebanon. Nov. 2.

181709. No. 9967. Bulblets white. 181711. No. 9969. Bulbs.

181710. No. 9968. Bulblets red. 181712. No. 9970. Bulbs.

**181713. ALLIUM PORRUM L. Leek.**

No. 9831. Seed dealer, Damascus. Oct. 20.

**181714. APIUM GRAVEOLENS L. Apiaceae. Celery.**

No. 9756. Seed dealer, Damascus.

**181715 to 181717. BETA VULGARIS L. Chenopodiaceae. Beet.**

181715. No. 9908. *Baledi*. Chtura, Lebanon. Nov. 2.

181716. No. 9950. Chtura, Lebanon.

181717. No. 10007. Andjar-Bekaa, Lebanon. Sugar type.

**181718. BETA VULGARIS var. CICLA L. Swiss chard.**

No. 9958. Chtura, Lebanon. Nov. 2.

**181719. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae. Cauliflower.**

No. 9793. Seed dealer, Damascus. Oct. 20.

**181720 to 181722. BRASSICA OLERACEA var. CAPITATA L. Cabbage.**

181720. No. 9809. Seed dealer, Damascus.

181721. No. 9900. *Baladi*. Chtura, Lebanon. Nov. 2. Local type.

181722. No. 9974. Andjar-Bekaa, Lebanon

**181723. BRASSICA OLERACEA var. GEMMIFERA Zenker. Brussels sprouts.**

No. 9976. Andjar-Bekaa, Lebanon. Nov. 2.

**181724 and 171725. BRASSICA RAPA L. Turnip.**

181724. No. 9755. Market, Damascus. Oct. 18.

181725. No. 9991. Andjar-Bekaa, Lebanon. Seeds white.

**181726. BRASSICA sp.**

No. 9952. Chtura, Lebanon. Nov. 2.

**181727. BRASSICA sp.**

No. 9956. Chtura, Lebanon.

**181728. BRASSICA sp.**

No. 9959. Chtura, Lebanon.

**181729. CALENDULA OFFICINALIS L. Asteraceae. Pot marigold.**

No. 9987. *Souci*. Andjar-Bekaa, Lebanon. Orange type.

**181730 and 181731. CANNABIS SATIVA L. Moraceae. Hemp.**

181730. No. 9746. Market, Damascus. Oct. 18.

181731. No. 9779. Seed dealer, Damascus.

## 181709 to 181845—Continued

- 181732 to 181734. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**  
 181732. No. 9926. *Baladi*. Chtura, Lebanon. Nov. 2. Sweet type.  
 181733. No. 9928. Chtura, Lebanon. Nov. 2.  
 181734. No. 9978. Andjar-Bekka, Lebanon. Long red type.
- 181735 to 181739. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**  
 181735. No. 9930. Arnet, a village at foot of Mount Hermon near Damascus. Oct. 17.  
 181736. No. 9777. Seed dealer, Damascus.  
 181737. No. 9781. Damascus. Grown on plains.  
 181738. No. 9930. Al-Marj, Zahle, Lebanon. Nov. 2.  
 181739. No. 9999. *Pointu*. Andjar-Bekaa, Lebanon.
- 181740 to 181744. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**  
 181740. No. 9910. *Halabi*. Chtura, Lebanon. Nov. 2.  
 181741. No. 9919. *Mohammad M. Jarrah*. Al-Marj, Zahle, Lebanon.  
 181742. No. 9943. *Ahmad Sheikh*. Al-Marj, Zahle, Lebanon.  
 181743. No. 9986. *Pastegue*. Andjar-Bekaa, Lebanon.  
 181744. No. 9989. Andjar-Bekaa, Lebanon.
181745. *CORCHORUS CAPSULARIS* L. Tiliaceae. **Jute.**  
 No. 9766. *Mloukich*. Market, Damascus. Oct. 18.
181746. *CORCHORUS OLITORIUS* L. **Jute.**  
 No. 9812. Seed dealer, Damascus.
- 181747 to 181750. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**  
 181747. No. 9913. Chtura, Lebanon. Nov. 2.  
 181748. No. 9920. *Zahabi*. Al-Marj, Zahle, Lebanon.  
 181749. No. 9941. Al-Marj, Zahle, Lebanon.  
 181750. No. 9988. *Dehebi*. Andjar-Bekaa, Lebanon. Nov. 2.
181751. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**  
 No. 9739. Market, Damascus. Oct. 18.
- 181752 to 181756. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**  
 181752. No. 9748. Market, Damascus. Bluish type.  
 181753. No. 9828. Damascus.  
 181754. No. 9909. *Beladi*. Chtura, Lebanon. Nov. 2. Local type.  
 181755. No. 9946. Chtura, Lebanon.  
 181756. No. 9948. Chtura.
- 181757 to 181764. *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**  
 181757. No. 9799. *Beledi*. Market, Damascus. Oct. 20.  
 181758. No. 9917. Chtura, Lebanon. Nov. 2.  
 181759. No. 9932. *Ikriki*. Al-Marj, Zahle, Lebanon.  
 181760. No. 9947. Chtura, Lebanon.  
 181761. No. 9954. Chtura.  
 181762. No. 9992. *Potiron*. Andjar-Bekaa, Lebanon. Nov. 2.  
 181763. No. 10006. *Courge*. Andjar-Bekaa, Lebanon. Fruit white.  
 181764. No. 10008. *Courge*. Andjar-Bekaa, Lebanon.

## 181709 to 181845—Continued

- 181765 to 181767. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
 181765. No. 9949. Chtura, Lebanon. Nov. 2.  
 181766. No. 9953. Chtura.  
 181767. No. 9973. Andjar-Bekaa, Lebanon. Fruit medium in length.
- 181768 and 181769. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.  
 181768. No. 9794. Seed dealer, Damascus. Oct. 20.  
 181769. No. 9971. *Tournesol*. Andjar-Bekaa, Lebanon. Nov. 2.
181770. *LACTUCA SATIVA* L. Asteraceae. Lettuce.  
 No. 9972. Andjar-Bekaa, Lebanon. Romaine type.
- 181771 to 181773. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
 181771. No. 9940. Al-Marj, Zahle, Lebanon.  
 181772. No. 9997. Andjar-Bekaa, Lebanon. Large white type.  
 181773. No. 10005. Andjar-Bekaa, Lebanon. Seeds red.
181774. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
 No. 9813. Seed dealer, Damascus. Oct. 20.
181775. *LUPINUS ALBUS* L. Fabaceae. White lupine.  
 No. 9805. Seed dealer, Damascus.
- 181776 to 181778. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 181776. No. 9814. *Beledi*. Seed dealer, Damascus.  
 181777. No. 9898. Chtura, Lebanon. Nov. 2. Fruit round.  
 181778. No. 9975. Andjar-Bekaa, Lebanon. Fruit large, red.
181779. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
 No. 9818. Seed dealer, Damascus.
181780. *PHALARIS CANARIENSIS* L. Poaceae. Canary grass.  
 No. 9827. Seed dealer, Damascus.
- 181781 to 181789. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
 181781. No. 9750. *Molty*. Market, Damascus. Oct. 18.  
 181782. No. 9796. *Aysekadin*. Market, Damascus. Oct. 18. Bush type.  
 181783. No. 9817. *Halabiye*. Seed dealer, Damascus. Bush type.  
 181784. No. 9902. *Ahmad Sheikh*. Al-Marj, Zahle, Lebanon. Nov. 2.  
 181785 to 181789. From Chtura, Lebanon. Nov. 2.  
 181785. No. 9904. *Badri*.  
 181786. No. 9906. *Hammana*. Pole type.  
 181787. No. 9907. Red, pole type.  
 181788. No. 9911. *Sonabarieh*. Pole type.  
 181789. No. 9936. Originally from Al-Marj, Zahle.
181790. *PHASEOLUS COCCINEUS* L. Scarlet runner bean.  
 No. 9938. *Baladi*. Local type. Chtura, Lebanon.
- 181791 to 181797. *PHASEOLUS VULGARIS* L. Common bean.  
 181791 to 181793. From Chtura, Lebanon. Nov. 2.  
 181791. No. 9963.  
 181792. No. 9964.  
 181793. No. 9965.

**181709 to 181845—Continued****181791 to 181797—Continued**

**181794 to 181797.** From Andjar-Bekaa, Lebanon. Nov. 2.

181794. No. 10000. *Sebre De Bitiajj*.

181795. No. 10002. *Beurre Nain*.

181796. No. 10004. *Noir De Belgique Nain*.

181797. No. 10010-A.

**181798.** PIMPINELLA ANISUM L. Apiaceae.

**Anise.**

No. 9980. Andjar-Bekaa, Lebanon.

**181799 to 181801.** PISUM SATIVUM L. Fabaceae.

**Pea.**

181799. No. 9901. Chtura, Lebanon. Nov. 2.

181800. No. 10451. *Kurul*. Iznik, Bayburt, Turkey.

181801. No. 9922. Al-Marj, Zahle, Lebanon. Nov. 2. Small.

**181802 to 181805.** RAPHANUS SATIVUS L. Brassicaceae.

**Radish.**

181802. No. 9810. Seed dealer, Damascus. Oct. 20. Long, thin type.

181803. No. 9826. *Istanbul*. Seed dealer, Damascus.

181804. No. 9830. *Hamsi*. Damascus.

181805. No. 9957. Chtura, Lebanon. Nov. 2.

**181806 and 181807.** SOLANUM MELONGENA L. Solanaceae.

**Eggplant.**

181806. No. 9955. Chtura, Lebanon.

181807. No. 9806. Seed dealer, Damascus. Oct. 20. Fruit small.

**181808 to 181811.** SPINACIA OLERACEA L. Chenopodiaceae.

**Spinach.**

181808. No. 9785. *Beledi*. Seed dealer, Damascus. Oct. 20. Leaves broad.

181809. No. 9737. Market, Damascus.

181810. No. 9823. Seed dealer, Damascus. Leaves broad and short.

181811. No. 9960. Chutra, Lebanon. Nov. 2.

**181812.** TRIFOLIUM REPENS L. Fabaceae.

**White clover.**

No. 9981. Andjar-Bekaa, Lebanon. Nov. 2.

**181813.** TRIFOLIUM SQUARROSUM L.

No. 9822. Seed dealer, Damascus. Oct. 20. Egyptian type.

**181814.** TRIGONELLA FOENUM-GRÆCUM L. Fabaceae.

**Fenugreek.**

No. 9815. *Helbi*. Seed dealer, Damascus.

**181815 and 181816.** VICIA ERVILIA (L.) Willd. Fabaceae.

**Vetch.**

181815. No. 9996. *Gesse*. Andjar-Bekaa, Lebanon.

181816. No. 9944. *Kasim M.* Abdalla, Al-Marj, Zahle, Lebanon.

**181817 to 181826.** VICIA FABA L.

**Broadbean.**

181817. No. 9733. Village of Arnet at foot of Mount Hermon near Damascus. Oct. 17.

181818. No. 9789. Seed dealer, Damascus. Oct. 20.

181819. No. 9807. Seed dealer, Damascus. Oct. 20. Egyptian type.

**181820 to 181824.** From Chtura, Lebanon. Nov. 2.

181820. No. 9903. *Fool*.

181823. No. 9962.

181821. No. 9951.

181824. No. 9966.

181822. No. 9961.

**181709 to 181845—Continued****181817 to 181826—Continued**

181825. No. 10010. Andjar-Bekaa, Lebanon.

181826. No. 10012. Andjar-Bekaa.

**181827 to 181831. VICIA SATIVA L.****Common vetch.**181827. No. 9899. *Baladi*. Chtura, Lebanon. Nov. 2.181828. No. 9921. *Bakia*. Al-Marj, Zahle, Lebanon.181829. No. 9931. *Bakia*. Al-Marj, Zahle.181830. No. 9937. *Bakaai*. Al-Marj, Zahle.181831. No. 10001. *Vesce*. Andjar-Bekaa, Lebanon.**181832 and 181833. VIGNA SINENSIS (Torner) Savi. Fabaceae.****Cowpea.**

181832. No. 9824. Seed dealer, Damascus. Oct. 20.

181833. No. 9998. Andjar-Bekaa, Lebanon. Nov. 2.

**181834 to 181844. ZEA MAYS L. Poaceae.****Corn.**

181834. No. 9734. Village of Arnet at foot of Mount Hermon near Damascus. Oct. 17.

181835. No. 9792. Seed dealer, Damascus. Oct. 20.

181836. No. 9912. Chtura, Lebanon. Nov. 2. Seeds white.

181837. No. 9914. Chtura. Seeds yellow.

181838. No. 9939. Al-Marj, Zahle, Lebanon.

181839 to 181844. From Andjar-Bekaa, Lebanon. Nov. 2.

181839. No. 9977. Peston. Seeds white.

181840. No. 9984. Early white.

181841. No. 9985. Seeds yellow; very late maturing.

181842. No. 9994. Mammoth early; sweet type.

181843. No. 9995. Early sweet.

181844. No. 10003. *Nain*. Early.**181845. ZINNIA sp. Asteraceae.****Zinnia.**

No. 10009. Andjar-Bekaa, Lebanon. Nov. 2. Double type.

**181846. GOSSYPIUM. Malvaceae.****Cotton.**

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 11, 1949.

Originally from India.

**181847 to 181851.**

From India. Seeds presented by the Madras Agricultural Department, Madras. Received May 16, 1949.

181847. *PENNISETUM CILIARE* (L.) Link. Poaceae.181848. *CENCHRUS BIFLORUS* Roxb. Poaceae.181849. *GLYCINE JAVANICA* L. Fabaceae.181850. *ISEILEMA LAXUM* Hack. Poaceae.181851. *PANICUM ANTIDOTALE* Retz. Poaceae.**181852. CARTHAMUS TINCTORIUS L. Asteraceae.****Safflower.**

From Argentina. Seeds presented by the American Embassy, Buenos Aires. Received May 23, 1949.

**181853 to 181972.**

From Syria. Seeds collected and presented by Clarence O. Eyer, Near East Foundation, Damascus. Received May 23, 1949.

**181853 to 181903. From Aleppo.**

181853. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**  
Aleppo No. 8.

181854 to 181856. *ALLIUM CEPA* L. Liliaceae. **Onion.**

181854. Aleppo No. 43.

181855. Aleppo No. 45. Bulbs white.

181856. Aleppo No. 46. Bulbs yellow.

181857. *ALLIUM PORRUM* L. **Leek.**  
Aleppo No. 19.

181858. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**  
Aleppo No. 22. *Tarao.*

181859. *BETA VULGARIS* var. *CICLA* L. Chenopodiaceae. **Swiss chard.**  
Aleppo No. 40.

181860. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**  
Aleppo No. 24.

181861. *BRASSICA OLERACEA* var. *CAPITATA* L. **Cabbage.**  
Aleppo No. 25. *Baladi.*

181862. *BRASSICA RAPA* L. **Turnip.**  
Aleppo No. 42.

181863 to 181865. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

181863. Aleppo No. 36. Fruit sweet.

181864. Aleppo No. 37. Fruit long, red, and hot.

181865. Aleppo No. 38. Fruit short and hot.

181866. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**  
Aleppo No. 14. *Asfar.*

181867. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**  
Aleppo No. 48.

181868. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**  
Aleppo No. 13.

181869. *CORCHORUS CAPSULARIS* L. Tiliaceae. **Jute.**  
Aleppo No. 30. *Mloukhiah.*

181870 to 181873. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

181870. Aleppo No. 28. *Maati.* Fruit long.

181871. Aleppo No. 31. *Round Aleppo.*

181872. Aleppo No. 32. Fruit oblong.

181873. Aleppo No. 33. *Honeydew.*

181874 to 181876. *CUCUMIS SATIVUS* L. **Cucumber.**

181874. Aleppo No. 6. Fruit smooth.

181875. Aleppo No. 7. Fruit spined.

181876. Aleppo No. 29. *Maati.* Fruit short.

181877. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. **Squash.**  
Aleppo No. 11. White.

## 181853 to 181972—Continued

## 181853 to 181903—Continued

- 181878 and 181879. *CUCURBITA PEPO* L. Pumpkin.  
 Aleppo No. 5.  
 181879. Aleppo No. 44. Long crookneck type.
181880. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
 Aleppo No. 23. *Fance*.
181881. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.  
 Aleppo No. 15.
- 181882 to 181884. *LACTUCA SATIVA* L. Asteraceae. Lettuce.  
 181882. Aleppo No. 18. Round head.  
 181883. Aleppo No. 20. Red lettuce.  
 181884. Aleppo No. 21. *Hama*.
181885. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
 Aleppo No. 12. Long yellow type.
181886. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
 Aleppo No. 49.
- 181887 and 181888. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 181887. Aleppo No. 9.  
 181888. Aleppo No. 10. *Hama*.
181889. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.  
 Aleppo No. 35.
181890. *OCIMUM BASILICUM* L. Menthaceae. Basil.  
 Aleppo No. 17. *Buckley*. Growing wild.
181891. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
 Aleppo No. 1.
- 181892 to 181894. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
 181892. Aleppo No. 26. Seeds blue.  
 181893. Aleppo No. 27. Seeds brown.  
 181894. Aleppo No. 47. *Lebanese*. Seeds black.
- 181895 to 181897. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
 181895. Aleppo No. 2. Fruit medium long.  
 181896. Aleppo No. 3. Fruit white.  
 181897. Aleppo No. 4. Fruit long and red.
- 181898 and 181899. *SORGHUM VULGARE* Pers. Poaceae.  
 181898. Aleppo No. 16. Broomcorn.  
 181899. Aleppo No. 41.
181900. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
 Aleppo No. 39.
181901. *VICIA FABA* L. Fabaceae. Broadbean.  
 Aleppo No. 51.
181902. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
 Aleppo No. 50. *Lubia*.
181903. *ZEA MAYS* L. Poaceae. Corn.  
 Aleppo No. 34. Seeds yellow.



**181853 to 181972—Continued**

181904 to 181927. From Hama.

181904. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.  
Hama. No. 1.
181905. *ALLIUM CEPA* L. Liliaceae. Onion.  
Hama No. 23. Red type.
181906. *BRASSICA RAPA* L. Brassicaceae. Turnip.  
Hama No. 24.
181907. *CAPSIUM FRUTESCENS* L. Solanaceae. Redpepper.  
Hama No. 11.
181908. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
Hama No. 5.
181909. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.  
Hama No. 19. Local type.
181910. *CUCUMIS SATIVUS* L. Cucumber.  
Hama No. 15. Local.
181911. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.  
Hama No. 10. Round.
181912. *CUCURBITA PEPO* L. Pumpkin.  
Hama No. 7.
181913. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
Hama No. 9. Long.
181914. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
Hama No. 6. *Hamra*.
181915. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.  
Hama No. 22. Local type.
181916. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
Hama No. 21. Local.
- 181917 to 181920. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
181917. Hama No. 3. Seeds red.  
181918. Hama No. 12. Seeds white.  
181919. Hama No. 14. Seeds black-spotted.  
181920. Hama No. 18. Seeds brown.
- 181921 and 181922. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
181921. Hama No. 16. Fruit long.  
181922. Hama No. 17. Fruit round.
181923. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
Hama No. 20.
181924. *THERMOPSIS* sp. Fabaceae.  
Hama No. 4.
181925. *VICIA FABA* L. Fabaceae. Broadbean.  
Hama No. 13.
- 181926 and 181927. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
181926. Hama No. 2. From the mountains.  
181927. Hama No. 8. Local.

## 181853 to 181972—Continued

181928 to 181966. From Homs.

181928. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.  
Homs No. 18.
181929. *ALLIUM CEPA* L. Liliaceae. Onion.  
Homs No. 33.
181930. *BETA VULGARIS* L. Chenopodiaceae. Beet.  
Homs No. 30. Local type.
181931. *BETA VULGARIS* var. *CICLA* L. Swiss chard.  
Homs No. 26.
181932. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. Cabbage.  
Homs No. 29. Local.
- 181933 and 181934. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
181933. Homs No. 22. Hot type.
181934. Homs No. 23. Sweet type.
- 181935 to 181938. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
181935. Homs No. 1. Fruit white. 181937. Homs No. 3. Local type.
181936. Homs No. 2. Fruit green. 181938. Homs No. 4.
181939. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.  
Homs No. 5. Fruit yellow.
- 181940 to 181942. *CUCUMIS SATIVUS* L. Cucumber.
181940. Homs No. 6. Smooth green type.
181941. Homs No. 7. Fruit spined.
181942. Homs No. 39.
- 181943 and 181944. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
181943. Homs No. 8. White round type.
181944. Homs No. 10.
181945. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
Homs No. 28. Local type.
- 181946 and 181947. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
181946. Homs No. 24. Heads round and white.
181947. Homs No. 25. Local green type.
181948. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
Homs No. 9. Long.
- 181949 and 181950. *LENS CULINARIS* Medic. Fabaceae. Lentil.
181949. Homs No. 37. Seeds white.
181950. Homs No. 38. Seeds red.
- 181951 and 181952. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.
181951. Homs No. 11. Local.
181952. Homs No. 12.
- 181953 to 181957. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.
181953. Homs No. 13. Seeds tan.
181954. Homs No. 14. Seeds pink.
181955. Homs No. 15. Seeds red.
181956. Homs No. 16. Seeds gray.
181957. Homs No. 17. Originally from the United States.

**181853 to 181972—Continued****181928 to 181966—Continued**

181958. *PISUM SATIVUM* L. Fabaceae. Pea.  
Homs No. 19. Local type.

181959. *PRUNUS ARMENIACA* L. Rosaceae. Apricot.  
Homs No. 34.

181960 and 181961. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
181960. Homs No. 32. Roots round and red.

181961. Homs No. 31. Roots long and red.

181962 and 181963. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
181962. Homs No. 20. Fruit white.

181963. Homs No. 21. Fruit black.

181964. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
Homs No. 27. Local type.

181965. *VICIA ERVILIA* (L.) Willd. Fabaceae. Vetch.  
Homs No. 36. Local.

181966. *ZEA MAYS* L. Poaceae. Corn.  
Homs No. 35. Seeds white.

**181967 to 181972. From Idlib.**

181967. *CICER ARIETINUM* L. Fabaceae. Chickpea.  
Idlib No. 4. *Homvus*.

181968. *GOSSYPIUM*. Malvaceae. Cotton.  
Idlib No. 1. Local type.

181969. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
Idlib No. 3. Local type.

181970. *RICINUS CUMMUNIS* L. Euphorbiaceae. Castorbean.  
Idlib No. 6.

181971. *SORGHUM VULGARE* Pers. Poaceae.  
Idlib No. 2.

181972. *VICIA SATIVA* L. Fabaceae. Common vetch.  
Idlib No. 5.

**181973 to 181977. ORYZA SATIVA L. Poaceae. Rice.**

From Indonesia. Seeds presented by the Department of Economic Affairs,  
Djakarta, Java. Received May 24, 1949.

181973. *Bengawen* 2794. 181976. *Peta* 2802.

181974. *Intan* 2400. 181977. *Salak* 2885.

181975. *Mas* 2401.

**181978 to 181986. FRAGARIA. Rosaceae. Strawberry.**

From France. Plants presented by Roland Chapron, Caen. Received May 24,  
1949.

181978. *Fertilite*. 181983. *St. Jean*.

181979. *General Leclerc*. 181984. *Poincare*.

181980. *Leroy Ladune*. 181985. *Triomphe*.

181981. *Mad Preference*. 181986. *Ville De Carey*.

181982. *Sans Rivale*.

**181987. BROSIMUM UTILE (H. B. K.) Karst. Moraceae. Cow-tree.**

From Venezuela. Seeds presented by James H. Kempton, American Embassy, Caracas. Received May 24, 1949.

**181988 to 181990. ZEA MAYS L. Poaceae.****Corn.**

From Yugoslavia. Seeds presented by John Haggerty, Agriculture Attaché, American Embassy, Belgrade. Received May 25, 1949.

From the Agricultural Institute, Zemun, Novi Sad.

181988. *Flajzman Zlanti* No. 11.

181989. *Banku Zuti* No. 12.

181990. *Turdunac Zuti* No. 190. Seeds hard and yellow.

**181991. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Australia. Seeds presented by C. K. Vears, Sydney, New South Wales. Received May 26, 1949.

*Glenwari.*

**181992 and 181993. LUPINUS spp. Fabaceae.****Lupine.**

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received May 26, 1949.

181992. *LUPINUS* sp.

Collected in pine and juniper forest between Tocquia and San Juan Ixcay, Department of Huehuetenango. Altitude 11,000 feet. Plants 3 feet high, semiwoody; flowers lavender-purple.

181993. *LUPINUS* sp.

Collected on trail between San Miguel Acoban and Jacaltenango, Department of Huehuetenango. Altitude 5,200 feet. Semidwarf type; seeds medium-streaked.

**181994. HELIANTHUS ANNUUS L. Asteraceae.****Sunflower.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 21, 1949.

No. 10634. Director of Agriculture, Maras, Maras.

**181995. TELFAIREA OCCIDENTALIS Hook f. Cucurbitaceae.**

From the Gold Coast. Seeds presented by the Department of Agriculture, Accra. Received June 21, 1949.

**181996 to 182015.**

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received May 26, 1949.

**181996 to 182012. PHASEOLUS VULGARIS L. Fabaceae.****Common bean.**

181996. No. 1.

182005. No. 10.

181997. No. 2.

182006. No. 11.

181998. No. 3.

182007. No. 12.

181999. No. 4.

182008. No. 13.

182000. No. 5.

182009. No. 14.

182001. No. 6.

182010. No. 15.

182002. No. 7.

182011. No. 16.

182003. No. 8.

182012. No. 17.

182004. No. 9.

**181996 to 182015—Continued**182013. *RUBUS* sp. Rosaceae.182014. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

Grown in Yula, San Pedro Soloma, Department of Huehuetenango. Altitude 7,000 feet. Local type; may be *Barba Negra*.

182015. *ZEA MAYS* L. Poaceae.

Corn.

Nahualá, Department of Sololá. Altitude 8,500 to 9,500 feet. Used for roasting and as sweet corn.

**182016 to 182024. *LESPEDEZA* spp. Fabaceae.**

From Japan. Seeds collected by Dr. Warren Leonard, Natural Resources Section, SCAP, APO 500, San Francisco, Calif. Received May 3, 1949.

182016. *LESPEDEZA BICOLOR* var. *JAPONICA* Nakai.182017. *LESPEDEZA BICOLOR* Turcz.

Shrub bushclover.

182018. *LESPEDEZA BICOLOR* var. *JAPONICA* Nakai.182019. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don.182020. *LESPEDEZA CYRTOBOTRYA* Miq.182021. *LESPEDEZA NIKKOENSIS* Nakai.182022. *LESPEDEZA NIKKOENSIS* Nakai.182023. *LESPEDEZA PATENS* Nakai.182024. *LESPEDEZA THUNBERGII* Nakai.**182025. *VIGNA* sp. Fabaceae.**

From Liberia. Seeds collected by Dr. J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received May 27, 1949.

**182026. *PHASEOLUS VULGARIS* L. Fabaceae.**

Common bean.

From Australia. Seeds presented by C. K. Vears, Sydney, New South Wales. Received June 3, 1949.

*Windsor Longpod.***182027. *FRAGARIA*. Rosaceae.**

Strawberry.

From Canada. Plants presented by J. Ronald Smith, MacDonald College, Quebec. Received May 31, 1949.

*Dunlap.***182028 to 182042. *SACCHARUM* spp. Poaceae.**

Sugarcane.

From India. Cuttings presented by the Sugarcane Breeding Station, Coimbatore. Received May 31, 1949.

182028 to 182040. *SACCHARUM*.182028. *Agoule* No. 2.

182035. S. G. 310/6.

182029. *Bansa*.

182036. S. G. 363/4.

182030. Co. L-9.

182037. S. G. 434/1.

182031. Co. 221.

182038. *Semari*.182032. *Kaila*.182039. *Sewari*.182033. *Ledu*.182040. *Sonabile*.182034. *Mojorah*.182041. *SACCHARUM SPONTANEUM* L.182042. *SACCHARUM*.

G. 3662.

## 182043 to 182076. SACCHARUM. Poaceae.

## Sugarcane.

From Java. Cuttings collected by R. D. Rands, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 31, 1949.

182043. <i>Narenga</i> .	182060. 24 OC 68.
182044. <i>Erianthus Sara</i> .	182061. 24 OC 69.
182045. <i>Teberau Tenggara</i> .	182062. 21 OC 36.
182046. <i>Heppoe Kwandang Celebes</i> .	182063. 30 OC 52.
182047. <i>Glagah Mandalay</i> .	182064. 21 OC 32.
182048. <i>Glagah Krakatau</i> .	182065. 20 OC 16.
182049. <i>Glagah Soembawa</i> .	182066. 24 OC 13.
182050. <i>Glagah Roeteng Flores</i> .	182067. × OC 23.
182051. <i>Glagah I Djantoer</i> .	182068. 20 OC 15.
182052. <i>Glagah II Djantoer</i> .	182069. 24 OC 53.
182053. <i>Kinggoerang Oewis</i> .	182070. 20 OC 16.
182054. <i>Glagah M. Moentai</i> .	182071. 21 OC 32.
182055. <i>Glagah Paloe</i> .	182072. 18 OC 8.
182056. <i>Biroh Bewoeloe Koclawi</i> .	182073. 15 OC 15.
182057. <i>Birch Sg. Mopanga</i> .	182074. × OC 26.
182058. <i>Warentoea Tosale</i> .	182075. × OC 28.
182059. <i>Mapanget Minahasa</i> .	182076. 16 OC 2.

## 182077 to 182127. TRITICUM AESTIVUM L. Poaceae.

## Common wheat.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 31, 1949.

Collected in 1948; may be from the experiment station in Sind, Sind.

182077. S-1.	182096. S-22.
182078. S-2.	182097. S-23.
182079. S-3.	182098. S-24.
182080. S-4.	182099. S-25.
182081. S-5.	182100. S-26.
182082. S-8.	182101. S-27.
182083. S-9.	182102. S-28.
182084. S-10.	182103. S-29.
182085. S-10a.	182104. S-30.
182086. S-11.	182105. S-31.
182087. S-12.	182106. S-32.
182088. S-13.	182107. S-33.
182089. S-14.	182108. S-35.
182090. S-16.	182109. S-36.
182091. S-17.	182110. S-38.
182092. S-18.	182111. S-39.
182093. S-19.	182112. S-42.
182094. S-20.	182113. S-44.
182095. S-21.	182114. S-45.

**182077 to 182127—Continued**

- |                              |                                    |
|------------------------------|------------------------------------|
| 182115. S-46.                | 182122. <i>Punjab</i> C-409.       |
| 182116. S-47.                | 182123. <i>Punjab</i> 9-D.         |
| 182117. S-48.                | 182124. <i>Tatta</i> .             |
| 182118. S-49.                | 182125. <i>Kandiario of Sind</i> . |
| 182119. <i>Bikaner I</i> .   | 182126. <i>Moro of Sind</i> .      |
| 182120. <i>Bikaner II</i> .  | 182127. <i>G. Ph. W. of Sind</i> . |
| 182121. <i>Punjab</i> C-217. |                                    |

**182128 to 182329.**

From Turkey. Collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1949.

Collected in 1948. Unless otherwise noted material was received as seed.

**182128 to 182133. ABBELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.**

182128. No. 10430. Mus, Mus.  
 182129. No. 10482. Nusaybin, Mardin.  
 182130. No. 10512. Elbistan, Maras.  
 182131. No. 10573. Susurluk, Balikesir.  
 182132. No. 10601. Bitlis, Bitlis.  
 182133. No. 10676. Maras, Maras.

**182134 to 182136. ALLIUM CEPA L. Liliaceae.**

182134. No. 10417. Mus, Mus.  
 182135. No. 10545. Elbistan, Maras.  
 182136. No. 10610. Garzan, Siirt.

**182137 to 182139. ALLIUM PORRUM L.**

182137. No. 10481. Nusaybin, Mardin.  
 182138. No. 10494. Nusaybin.  
 182139. No. 10570. Susurluk, Balikesir.

**182140 and 182141. ALLIUM SATIVUM L.**

182140. No. 10496. Nusaybin, Mardin. (Bulbs.)  
 182141. No. 10434. Mus, Mus. (Bulbs.)

**182142. ARACHIS HYPOGAEA L. Fabaceae.**

- No. 10528. Elbistan, Maras.

**182143 to 182145. BETA VULGARIS L. Chenopodiaceae.**

182143. No. 10459. *Kocabas*. Bayburt, Gumusane.  
 182144. No. 10544. Elbistan, Maras.  
 182145. No. 10595. Perhant, Bitlis.

**182146. BETA VULGARIS VAR. CICLA L.**

- No. 10467. *Pagi*. Pasinler, Erzurum.

**182147. BRASSICA NAPUS L. Brassicaceae.**

- No. 10579. *Kolza*. Susurluk, Balikesir.

**182148 to 182150. BRASSICA OLERACEA VAR. CAPITATA L.**

182148. No. 10457. *Göbek*. Kaleardi Mahallesi, Bayburt, Gumusane.  
 182149. No. 10495. Nusaybin, Mardin.  
 182150. No. 10502. Elbistan, Maras.

Onion.

Leek.

Garlic.

Peanut.

Beet.

Swiss chard.

Rape.

Cabbage.

## 182128 to 182329—Continued

182151. *BRASSICA* sp.

No. 10490. Nusaybin, Mardin.

182152. *BRASSICA* sp.No. 10600. *Salgam*. Perhant, Bitlis.182153 and 182154. *CANNABIS SATIVA* L. Moraceae.

Hemp.

182153. No. 10535. *Kenevir*. Elbistan, Maras.

182154. No. 10583. Susurluk, Balikesir.

182155 to 182164. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

182155. No. 10397. Derik, Mardin.

182156. No. 10420. Mus, Mus.

182157. No. 10483. Nusaybin, Mardin.

182158. No. 10484. Nusaybin.

182159. No. 10506. *Dolma*. Elbistan, Maras.

182160. No. 10508. Elbistan. Long tapering type.

182161. No. 10571. Susurluk, Balikesir.

182162. No. 10586. Hacukan, Bitlis. Sweet type.

182163. No. 10613. Mutki, Bitlis. Pungent type.

182164. No. 10656. *Dolma*. Maras, Maras.182165. *CARTHAMUS TINCTORIUS* L. Asteraceae.

Safflower.

No. 10530. *Aspir*. Elbistan, Maras.182166 to 182174. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

182166. No. 9905. Originally from Chtura, Lebanon.

182167. No. 10419. Mus, Mus.

182168. No. 10447. Beytisebap, Hakari.

182169. No. 10479. Nusaybin, Mardin.

182170. No. 10534. Elbistan, Maras. Seeds black.

182171. No. 10537. Elbistan.

182172. No. 10554. Iğdir, Kars.

182173. No. 10561. Susurluk, Balikesir.

182174. No. 10589. Narsin, Bitlis.

182175 to 182183. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.182175. No. 10407. *Zebes*. Derik, Mardin.

182176. No. 10422. Mus, Mus.

182177. No. 10435. *Tekke*. Tekkeshler, Kirklareli.182178. No. 10436. *Tekkeshler*, Tekkeshler.

182179. No. 10474. Nusaybin, Mardin.

182180. No. 10523. Elbistan, Maras.

182181. No. 10580. Susurluk, Balikesir.

182182. No. 10602. Narsin, Bitlis. Local type.

182183. No. 10654. Maras, Maras.

182184 to 182187. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

182184. No. 10408. *Petilik*. Derik, Mardin.

182185. No. 10471. Nusaybin, Mardin.



**182128 to 182329—Continued****182184 to 182187—Continued**

182186. No. 10540. Elbistan, Maras.  
 182187. No. 10576. Susurluk, Balikesir.

**182188 to 182194. CUCUMIS SATIVUS L.****Cucumber.**

182188. No. 10418. Mus, Mus.  
 182189. No. 10478. Nusaybin, Mardin.  
 182190. No. 10532. Elbistan, Maras.  
 182191. No. 10541. Elbistan. Fruit hairy.  
 182192. No. 10565. Susurluk, Balikesir.  
 182193. No. 10593. *Salatalik*. Bitlis, Bitlis.  
 182194. No. 10658. *Hita*. Maras, Maras.

**182195. CUCURBITA MAXIMA Duchesne. Cucurbitaceae.****Squash.**

- No. 10427. Mus, Mus.

**182196 and 182197. CUCURBITA MOSCHATA Duchesne.****Cushaw.**

182196. No. 10486. Nusaybin, Mardin.  
 182197. No. 10624. Director of Agriculture, Maras, Maras.

**182198 to 182203. CUCURBITA PEPO L.****Pumpkin.**

182198. No. 10409. *Kundur*. Derik, Mardin.  
 182199. No. 10423. *Dolmalik*. Mus, Mus.  
 182200. No. 10442. Beytisebap, Hakari.  
 182201. No. 10514. *Dolma*. Elbistan, Maras.  
 182202. No. 10575. Susurluk, Balikesir.  
 182203. No. 10653. Maras, Maras.

**182204 to 182207. DAUCUS CAROTA L. Apiaceae.****Carrot.**

182204. No. 10449. Tuzenlash, Bayburt, Gumusane.  
 182205. No. 10501. Elbistan, Maras.  
 182206. No. 10587. Perhant, Bitlis.  
 182207. No. 10632. Director of Agriculture, Maras, Maras.

**182208 to 182210. LACTUCA SATIVA L. Asteraceae.****Lettuce.**

182208. No. 10497. Nusaybin, Mardin.  
 182209. No. 10507. Elbistan, Maras.  
 182210. No. 10568. Susurluk, Balikesir.

**182211 to 182221. LENS CULINARIS Medic. Fabaceae.****Lentil.**

182211. No. 10386. Cimikan, Eleskirt, Agri.  
 182212. No. 10393. Dambat, Agri.  
 182213. No. 10403. *Niks*. Derik, Mardin.  
 182214. No. 10412. Derik.  
 182215. No. 10414. Mus, Mus.  
 182216. No. 10472. Nusaybin, Mardin.  
 182217. No. 10517. Elbistan, Maras.  
 182218. No. 10550. Karkayun, Igdir Kars.  
 182219. No. 10558. Susurluk, Balikesir.  
 182220. No. 10590. *Narsin*, Bitlis.  
 182221. No. 10631. Director of Agriculture, Maras, Maras.

## 182128 to 182329—Continued

- 182222 and 182223. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**  
 182222. No. 10431. Mus, Mus.  
 182223. No. 10511. *Anet*. Elbistan, Maras.
- 182224 to 182229. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 182224. No. 10387. *Zeyren*. Cimikan, Eleskirt, Agri.  
 182225. No. 10389. Dambat, Agri.  
 182226. No. 10519. Elbistan, Maras.  
 182227. No. 10549. Sancaban, Igdir, Kars.  
 182228. No. 10569. Yagcikoy, Susurluk, Balikesir.  
 182229. No. 10598. Miskan, Bitlis.
- 182230 to 182237. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 182230. No. 10396. Derik, Mardin.  
 182231. No. 10421. Mus, Mus.  
 182232. No. 10477. Nusaybin, Mardin.  
 182233. No. 10489. Nusaybin.  
 182234. No. 10503. Elbistan, Maras.  
 182235. No. 10585. Susurluk, Balikesir.  
 182236. No. 10596. Hacukan, Bitlis.  
 182237. No. 10633. Director of Agriculture, Maras, Maras.
- 182238 to 182242. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
 182238. No. 10450. Konorsu, Bayburt, Gumusane.  
 182239. No. 10464. Hertece, Pasinler, Erzurum.  
 182240. No. 10521. Elbistan, Maras.  
 182241. No. 10555. Kacardogan Sali, Igdir, Kars. Three cuttings made; June, July, and October.  
 182242. No. 10572. Susurluk, Balikesir.
182243. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**  
 No. 10564. *Bursa*. Kayiksi, Susurluk, Balikesir.
- 182244 and 182245. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 182244. No. 10498. *Corek Otu*. Elbistan, Maras.  
 182245. No. 10588. Cermik, Diyarbakir.
182246. *OCIMUM BASILICUM* L. Menthaceae. **Basil.**  
 No. 10505. *Reyhan*. Elbistan, Maras.
- 182247 and 182248. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. **Sainfoin.**  
 182247. No. 10454. *Korunga*. Bayburt, Gumusane.  
 182248. No. 10463. Kindigi, Pasinler, Erzurum.
- 182249 to 182257. *ORYZA SATIVA* L. Poaceae. **Rice.**  
 182249. No. 10404. *Akkilcik*. Derik, Mardin. Local; white-hulled.  
 182250. No. 10440. Beytisebap, Hakari.  
 182251. No. 10487. Nusaybin, Mardin.  
 182252. No. 10543. Elbistan, Maras.  
 182253. No. 10551. *Bazak*. Baskoy Bucagi, Igdir, Kars.  
 182254. No. 10557. Agriculture teacher, Kozen, Kars. Egyptian wild type.  
 182255. No. 10606. *Pirinc*. Seyhenman, Bitlis.

## 182128 to 182329—Continued

## 182249 to 182257—Continued

182256. No. 10623. Director of Agriculture, Maras, Maras.  
 182257. No. 10657. Director of Agriculture, Maras, Maras.  
 182258 and 182259. *PANICUM MILLACEUM* L. Poaceae. **Proso.**  
 182258. No. 10424. *Dari*. Mus, Mus.  
 182259. No. 10439. *Dari*. Beytisebap, Hakari.  
 182260. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**  
 No. 10513. Elbistan, Maras.  
 182261 and 182262. *PANICUM MILLACEUM* L. Poaceae. **Proso.**  
 182261. No. 10577. *Kumdari*. Susurluk, Balikesir.  
 182262. No. 10603. *Kumdari*. Nizip, Mutki, Bitlis.  
 182263. *PAPAYER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**  
 No. 10584. Susurluk, Balikesir.  
 182264 to 182267. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. **Parsley.**  
 182264. No. 10491. Nusaybin, 182266. No. 10504. Elbistan, Maras.  
 Mardin. 182267. No. 10594. Bitlis, Bitlis.  
 182265. No. 10493. Nusaybin.  
 182268 to 182281. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**  
 182268. No. 10385. *Barbunya*. Karakose, Agri.  
 182269. No. 10395. *Aysekadın*. Karakose, Agri.  
 182270. No. 10426. Mus, Mus.  
 182271. No. 10488. Nusaybin, Mardin.  
 182272 to 182276. Elbistan, Maras.  
 182272. No. 10524. 182275. No. 10538. *Renkli*.  
 182273. No. 10525. 182276. No. 10539. Seeds white.  
 182274. No. 10526.  
 182277. No. 10560. Susurluk, Balikesir.  
 182278. No. 10597. *Kilsiksiz*. Yako, Bitlis. Pods smooth.  
 182279. No. 10599. Mus, Mutki, Bitlis.  
 182280. No. 10607. Narsin, Bitlis.  
 182281. No. 10630. *Aysekadın*. Maras, Maras.  
 182282 and 182283. *PRUNUS ARMENIACA* L. Rosaceae. **Apricot.**  
 182282. No. 10433. *Kayisi*. Mus, Mus.  
 182283. No. 10615. *Cekirdigi*. Maras, Maras.  
 182284. *PRUNUS PERSICA* (L.) Batsch. **Peach.**  
 No. 10429. *Seftali*. Mus, Mus.  
 182285. *PRUNUS* sp.  
 No. 10574. *Erik*. Susurluk, Balikesir.  
 182286. *PRUNUS* sp.  
 No. 10581. *Visne*. Susurluk.  
 182287. *PRUNUS* sp.  
 No. 10582. *Kiraz*. Susurluk.  
 182288. *PYRUS COMMUNIS* L. Malaceae. **Pear.**  
 No. 10563. *Armut*. Susurluk, Balikesir.

## 182128 to 182329—Continued

- 182289 to 182292. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 182289. No. 10388. Karakose, Agri.  
 182290. No. 10428. Mus, Mus.  
 182291. No. 10485. Nusaybin, Mardin.  
 182292. No. 10509. Elbistan, Maras. Plant wild.
- 182293 to 182295. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 182293. No. 10470. Nusaybin, Mardin.  
 182294. No. 10559. Susurluk, Balikesir.  
 182295. No. 10552. Igdir, Kars.
- 182296 and 182297. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.  
 182296. No. 10441. Beytisebap, Hakari.  
 182297. No. 10604. *Kumdari*. Perhant, Bitlis.
- 182298 to 182300. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
 182298. No. 10398. Derik, Mardin.  
 182299. No. 10415. Mus, Mus.  
 182300. No. 10500. Elbistan, Maras.
- 182301 to 182303. *SORGHUM VULGARE* Pers. Poaceae.  
 182301. No. 10413. *Garisi*. Derik, Mardin.  
 182302. No. 10476. *Akdari*. Nusaybin, Mardin.  
 182303. No. 10618. *Akdari*. Maras, Maras.
182304. *ECHINOCHLOA CRUSGALLII* (L.) Beauv. Poaceae. Barnyard grass.  
 No. 10619. Maras, Maras.
- 182305 to 182307. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
 182305. No. 10492. Nusaybin, Mardin.  
 182306. No. 10499. Elbistan, Maras.  
 182307. No. 10592. Yako, Bitlis.
182308. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
 No. 10546. Elbistan, Maras.
- 182309 to 182312. *VICIA ERVILLIA* (L.) Willd. Fabaceae. Vetch.  
 182309. No. 10458. *Kisne*. Danzut, Bayburt, Gumusane.  
 182311. No. 10531. Elbistan, Maras.  
 182311. No. 10566. Susurluk, Balikesir.  
 182312. No. 10627. Maras, Maras.
- 182313 and 182314. *VICIA FABA* L. Broadbean.  
 182313. No. 10529. Elbistan, Maras.  
 182314. No. 10620. Maras, Maras.
182315. *VICIA SATIVA* L. Common vetch.  
 No. 10466. Pasinler, Erzurum.
- 182316 to 182318. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
 182316. No. 10547. Arapkir, Igdir, Kars.  
 182317. No. 10567. Susurluk, Balikesir.  
 182318. No. 10621. Maras, Maras.

**182128 to 182329—Continued**182319 to 182329. *ZEA MAYS* L. Poaceae.

Corn.

182319. No. 10416. Mus, Mus.

182320. No. 10448. Beytisebap, Hakari.

182321. No. 10455. *Lazut*. Havvus, Bayburt, Gumusane.

182322. No. 10460. Kayaca, Manyas, Balikesir.

182323. No. 10461. Ilce, Manyas. Popcorn.

182324. No. 10462. Bolce Agac, Manyas. Red popcorn.

182325. No. 10518. Elbistan, Maras.

182326. No. 10536. Elbistan.

182327. No. 10553. Igdir, Kars.

182328. No. 10622. Maras, Maras.

182329. No. 10629. Maras, Maras.

**182330 and 182331. SOLANUM MELONGENA L. Solanaceae.**

Eggplant.

From the Union of South Africa. Seeds presented by F. B. Harrington, Natal.  
Received June 1, 1949.

182330. *Matale*.182331. *Kopek Bringals*.**182332 to 182338. SACCHARUM. Poaceae.**

Sugarcane.

From Australia. Cuttings presented by the Colonial Sugar Refining Company,  
Ltd., Sydney, New South Wales. Received June 1, 1949.

182332. *Akbar*. 182336. 28 M. Q. 1270.182333. *Vesta*. 182337. 33 M. Q. 157.182334. *Pindar*. 182338. 27 M. Q. 1124.182335. *Jason*.**182339 to 182353. SECALE spp. Poaceae.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau  
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.  
Received June 1, 1949.

Collected in 1948.

182339 to 182351. *SECALE CEREALE* L.

Rye.

182339. No. 5693. Cayirova Technical Garden, Tuzla, Izmir. Oct. 11.

182340. No. 6521. Resadiye, Gerede, Bolu. July 20.

182341. No. 6938. Fifteen km. north of Niksar, Tokat. July 28. Altitude 3,000 feet.

182342. No. 7091. Zigana, Torul, Gumusane. Aug. 4. Growing on dry side of pass; altitude 5,700.

182343. No. 7101. Tekke, Gumusane. Growing in valley bottom; altitude 3,300 feet.

182344. No. 7148. Valley near Hindi, Bayburt, Gumusane.

182345. No. 7199. Roadside valley, near Askale, Erzurum. Aug. 6. Altitude 4,800 feet.

182346. No. 7228. Valley bottom near Nibihani, Erzurum. Altitude 6,000 feet.

182347. No. 7235. Horosan, Pasinler, Erzurum. Aug. 8.

182348. No. 7279. Yogloban, Sarikamis, Kars. Aug. 9. Altitude 6,000 feet.

182349. No. 7367. Ziyaret Mountain, Ardahan, Kars. Aug. 12. Growing near top of pass; altitude 7,500 feet.

## 182339 to 182353—Continued

## 182339 to 182351—Continued

182350. No. 7456. Halif, Ardahan, Kars. Aug. 15.

182351. No. 7848. Asagi Kananos, Hakari. Aug. 25. Altitude 6,900 feet.

182352. *SECALE ANATOLICUM* Boiss.

No. 9594. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. A true perennial type found near Bala. Crosses easily with annual rye. When crossed with wheat,  $F_1$  progeny are sterile, but backcross is fertile.

182353. *SECALE MONTANUM* Guss.

No. 9619. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

182354. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

From Australia. Seeds presented by C. K. Vears, Sydney, New South Wales. Received June 3, 1949.

*Richmond Wonder.*

182355. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. **Orange.**

From Algeria. Seeds presented by an unknown donor, Boufarik. Received June 7, 1949.

*Bedmar; Vernia.*

182356 to 182401. *HORDEUM* spp. Poaceae. **Barley.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1949.

Collected in 1948.

182356. *HORDEUM VULGARE* L.

No. 6269. Halilan, Hakari.

182357. *HORDEUM DISTICHON* L.

No. 6503. Akdogan, Kizilcahamam, Ankara. July 19. Smyrna type.

182358. *HORDEUM* sp.

No. 6504. Akdogan, Kizilcahamam, Ankara. July 19.

182359. *HORDEUM* sp.

No. 6510. Autan, Ankara. On rocky mountain slope.

182360 and 182361. *HORDEUM DISTICHON* L.

182360. No. 6519. Resadiye, Bolu. July 20.

182361. No. 6524. Eskicag, Bolu.

182362. *HORDEUM VULGARE* L.

No. 6564. Between Caycuma and Bartin, Zonguldak. July 21.

182363. *HORDEUM DISTICHON* L.

No. 6635. Twenty-five km. southwest of Kastamonu, Kastamonu. July 22. Dry semiarid valley area.

182364. *HORDEUM* sp.

No. 6681. Dry side of mountain pass 75 km. south of Sinop, Sinop. July 23. Altitude 2,400 feet.

182365. *HORDEUM VULGARE* L.

No. 6687. Mountain pass 70 km. south of Sinop; altitude 3,300 feet.

182366. *HORDEUM* sp.

No. 6947. Tifi, Unye, Ordu. July 28.

## 182356 to 182401—Continued

182367 to 182370. *HORDEUM DISTICHON* L.

182367. No. 7038. Market, Rize, Rize. Aug. 2.

182368. No. 7075. Market, Akcaabat, Trabzon. Aug. 3.

182369 and 182370. Mountain slope below town of Hamsi, Trabzon. Aug. 4. Altitude 2,400 feet. Two-rowed type.

182369. No. 7083.

182370. No. 7085.

182371. *HORDEUM VULGARE* L.

No. 7087. Mountain slope below town of Hamsi, Trabzon. Aug. 4. Altitude 2,400 feet. Four-rowed type.

182372 to 182387. *HORDEUM DISTICHON* L.

182372. No. 7106. Irrigated valley near Osluk, Gumusane. Aug. 4.

182373. No. 7141. Ekrek, 5 km. west of Bayburt, Gumusane; altitude 4,500 feet. Heavy reddish soil, very dry; Smyrna type.

182374. No. 7145. Varınca, near Bayburt Valley. Smyrna type.

182375. No. 7197. Pirna Kaban, Erzurum. Aug. 6. Altitude 5,700 feet. Two-rowed type.

182376. No. 7198. Pirna Kaban, Erzurum. Aug. 6. Altitude 5,700 feet. Two-rowed type; glumes naked, recurved.

182377. No. 7223. Valley floor near Karucuk, Erzurum. Aug. 7. Altitude 5,400 feet. Two-rowed type.

182378. No. 7226. Nebihani, Erzurum. Altitude 6,000 feet. Two-rowed type.

182379. No. 7255. Zivin, Kars. Aug. 8. Two-rowed type.

182380. No. 7261. Zek, Kars; altitude 5,400 feet. Two-rowed type.

182381. No. 7267. Zek, Kars; altitude 5,400 feet.

182382. No. 7272. Sarikamis, Kars. Aug. 9. Altitude 6,000 feet. Two-rowed type.

182383. No. 7284. Ayar, Kars. Broad valley in rolling hills with rich black soil; white type.

182384. No. 7298. Camacavus, Kars; altitude 5,100 feet. Two-rowed type.

182385. No. 7352. Cildir, Kars. Aug. 11. Two-rowed type.

182386. No. 7362. Bogdat, Ardahan, Kars; altitude 5,400 feet.

182387. No. 7365. Yaldızcam, Ardahan, Kars. Two-rowed type.

182388. *HORDEUM* sp.

No. 7369. Karanlık Mese, Tutunli, Coruh. Aug. 12. Growing in clover-grass meadow on mountainside; altitude 5,100 feet.

182389. *HORDEUM VULGARE* L.

No. 7410. *Kecer*. Artvin, Coruh. Aug. 15. Originally from Seyitler.

182390 to 182393. *HORDEUM DISTICHON* L.

182390. No. 7415. *Snake Tongue*. Artvin, Coruh. Aug. 15. Originally from Seyitler.

182391. No. 7422. *Bahar*. Artvin, Coruh. Aug. 15. Originally from Seyitler.

182392. No. 7459. Ardahan, Kars. Aug. 15. Originally from Halif.

182393. No. 7475. Gole Harasi, Kars. Two-rowed type.

**182356 to 182401—Continued****182394. HORDEUM VULGARE L.**

No. 7620. Ararat Mountains near Kari, Bayazit, Agri. Aug. 19. Altitude 7,500 feet.

**182395 and 182396. HORDEUM DISTICHON L.**

182395. No. 7750. Near Muradiye, Van. Aug. 22. Semi-smooth types.

182396. No. 7754. Village of Iskele, Van. Aug. 22. Two-rowed type.

**182397. HORDEUM sp.**

No. 8094. Ten miles south of Diyarbakir, Diyarbakir. Sept. 5. Tall plant growing along roadside in heavy soil.

**182398. HORDEUM sp.**

No. 8173. Kasir, Mardin. Sept. 6.

**182399. HORDEUM DISTICHON L.**

No. 9624. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Awnless, naked type.

**182400. HORDEUM sp.**

No. 9727. Mount Hermon, near Damascus, Syria. Oct. 17. Altitude 4,500 feet.

**182401. HORDEUM SPONTANEUM C. Koch.**

No. 9602. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28. Originally from Urfa. Winter type.

**182402 to 182474. TRITICUM spp. Poaceae.****Wheat.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1949.

Collected in 1948.

**182402 to 182457. TRITICUM AESTIVUM L.****Common wheat.**

182402. No. 2532. South of Meric, Edirne. June 21.

182403. No. 4504. Hayrabolu, Tekirdag. July 20. Soft winter type.

182404. No. 4505. *Kaplica*. Hayrabolu, Tekirdag.

182405. No. 6502. Akdogan, Kizilcahaman, Ankara. July 19.

182406. No. 6514. Camledere, Ankara.

182407. No. 6515. Kizilcahaman, Ankara. Originally from Yanikoy, Ankara.

182408. No. 6522. Resadiye, Bolu. July 20.

182409. No. 6562. Mountainside, 16 km. southeast of Zonguldak; altitude 2,400 feet.

182410. No. 6632. Twenty-five km. southwest of Kastamonu, Kastamonu. July 22.

182411. No. 6682. Mountainside 75 km. south of Sinop, Sinop. Aug. 23. Altitude 2,400 feet.

182412. No. 6686. Sixty-five km. south of Sinop, Sinop. Black-bearded type.

182413. No. 6696. Mountainside near coastal town of Congara, Gerze, Sinop. July 24. Altitude 1,500 feet.

182414 and 182415. Mountain field near Tifi, Unye, Ordu. July 28. Altitude 3,000 feet.

182414. No. 6946.

182415. No. 6950.



## 182402 to 182474—Continued

## 182402 to 182457—Continued

182416. No. 7088. *Mentana*. Steep mountainside below town of Hamsi, Trabzon. Aug. 4. Altitude 2,400 feet.

## 182417 to 182428. From Gumusane Province.

182417. No. 7094. Zigana. Aug. 4. Altitude 5,100 feet.

182418. No. 7096. Five km. east of Gumusane. Altitude 3,000 feet.

182419. No. 7100. *Zeron*. Tekke. Valley bottom field; altitude 3,300 feet.

182420. No. 7102. Tekke. Valley bottom field; altitude 3,300 feet.

182421. No. 7105. Osluk, Gumusane. Aug. 4. Altitude 3,600 feet.

182422. No. 7137. Ekrek, 5 km. west of Bayburt.

182423. No. 7142. Ekrek, 5 km. west of Bayburt.

182424. No. 7143. Tanisman, near Bayburt.

182425. No. 7144. Varınca, near Bayburt Valley. Aug. 5.

182426. No. 7147. Hindi, Bayburt Valley.

182427. No. 7152. Sankot on edge of Bayburt Valley. Plants 30 inches high.

182428. No. 7173. Irrigated field near Moden. Aug. 4. Altitude 5,400 feet.

182429. No. 7202. Askale, Erzurum. Aug. 6. Spring type.

182430. No. 7219. Ilica, Pasinler, Erzurum. Aug. 7. Altitude 5,100 feet.

182431. No. 7221. Valley floor near Karucuk, Erzurum; altitude 5,400 feet.

182432. No. 7245. Asagi Mecingert, Sarikamis, Kars. Aug. 8. Altitude 5,400 feet.

182433. No. 7264. Zek, Kars. Aug. 8.

182434. No. 7285. Yolgecmey, Sarikamis, Kars.

182435. No. 7303. Melik, Kars. Aug. 10. Altitude 5,100 feet.

182436. No. 7335. Buyukzaim, Kars; altitude 5,250 feet.

182437. No. 7358. Ardahan, Kars. Aug. 12. Altitude 5,400 feet. Black soil.

182438. No. 7363. Yaldizcam, Ardahan, Kars.

## 182439 to 182446. From the Director of Agriculture, Artvin, Coruh. Aug. 15.

## 182439 to 182444. Originally from Seyitgazi, Eskisehir.

182439. No. 7405. Black-bearded type. 182443. No. 7414. *Boz*. Black-bearded type.

182440. No. 7406. White type. 182444. No. 7416. Red type.

182441. *Sultan*.

182442. No. 7409. *Bintane*.

182445. No. 7438. *Sunter*.

182446. No. 7441. *Sunter*.

182447. No. 7458. Ardahan, Kars. Aug. 15. Originally from Halif.

182448. No. 7471. Twenty km. southwest of Ardahan. Aug. 16. Altitude 6,000 feet.

182449. No. 7480. Tigor, Kagizman, Kars. Aug. 17. Altitude 6,000 feet.

## 182402 to 182474—Continued

## 182402 to 182457—Continued

182450. No. 7613. Harkof, on lower range of Mount Ararat near Igdir, Kars. Aug. 19. Altitude 5,400 feet.  
 182451. No. 7630. Diyadin, Agri. Aug. 20.  
 182452. No. 7632. Diyadin, Agri. Aug. 20.  
 182453. No. 7700. Resat, Ercis, Van. Aug. 21.  
 182454. No. 7811. *Sipilik*. Hangestonas, Golpınar, Van. Aug. 24.  
 182455. No. 8556. Twenty-two miles from Elbistan, Maras, on road toward Malatya, Malatya. Sept. 12.  
 182456. No. 10284. *Kaplica*. Babaeski, Kirklareli.  
 182457. No. 10296. *Kaplica*. Alpullu, Kirklareli.

182458 to 182460. *TRITICUM DICOCCUM* Schrank.

Emmer.

182458. No. 7334. Buyukzaim, Kars. Aug. 11. Altitude 5,250 feet. Cultivated type.  
 182459. No. 7353. Cildir, Kars. Aug. 11. Altitude 6,000 feet.  
 182460. No. 9617. *Germik*. Eskisehir Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

182461 to 182467. *TRITICUM MONOCOCCUM* L.

182461. No. 6518. Resadiye, Gerede, Bolu. July 20.  
 182462. No. 6528. Mengen, Bolu.  
 182463. No. 6619. Sarpın, Arac, Kastamonu. July 22.  
 182464. No. 6679. Cindar, Boyabat, Sinop. July 23.  
 182465. No. 6694. Town of Congara, Gerze, Sinop. July 24.  
 182466. No. 6697. Town of Congara, Gerze, Sinop. July 24.  
 182467. No. 9615. Seed Improvement Station, Eskisehir, Eskisehir. Sept. 28.

182468 to 182470. *TRITICUM MONOCOCCUM* var. *AEGILOPOIDES* Aschers. & Graebn.

182468. No. 5326. Yesilkoy Seed Improvement Station, Istanbul, Istanbul. Sept. 13. Station No. 28658.  
 182469. No. 8965. Three miles west of Susehri, Sivas. Sept. 18. Along roadside in heavy soil.  
 182470. No. 9657. Ninety miles west of Ankara, Ankara. Sept. 29.

182471 and 182472. *TRITICUM PERSICUM* (Boiss.) Aitch. & Hemsl.

Persian wheat.

182471. No. 7282. Near Ayar, Sarikamis, Kars. Aug. 9. Altitude 5,400 feet.  
 182472. No. 7283. Sorted as minor mixture from field sample No. 7282.

182473. *TRITICUM* sp.

- No. 6512. Autan, Ankara. July 19. On rocky mountain slope.

182474. *TRITICUM* sp.

- No. 7196. Pirna Kaban, Askale, Erzurum. Aug. 6. Altitude 5,700 feet. Wild types.

182475 to 182477. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From the Netherlands. Tubers presented by the Wageningen Institute for Plant Breeding, Wageningen. Received June 2, 1949.

182475. *Arron Consul*.  
 182476. *Botirule*.  
 182477. *Gladstone*.

**182478 to 182489. AVENA SATIVA L. Poaceae. Common oats.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 2, 1949.

Collected in 1948.

182478. No. 6684. Seventy-five km. south of Sinop, Sinop. July 23. Altitude 2,400 feet. Wild.

182479. No. 6949. Tifi, Unye, Ordu. July 28.

182480. No. 7099. Valley bottom near Tekke, Gumusane. Aug. 4. Altitude 3,300 feet. Wild.

182481. No. 7139. Near Ekrek, Gumusane. Aug. 5. Altitude 4,500 feet.

182482. No. 7302. Melik, Kars. Aug. 10. Altitude 5,100 feet.

182483. No. 7450. Ardahan, Kars. Aug. 15. White types.

182484. No. 10282. Babaeski, Kirklareli.

182485. No. 10285. Babaeski.

182486. No. 10289. Sapcilar, Edremet, Kirklareli. June 27.

182487. No. 10292. Susurluk, Kirklareli. June 30.

182488. No. 10297. Orhangazi-Yalova, Kirklareli. July 3.

182489. No. 10298. Yalova, Kirklareli.

**182490 to 182535.**

From Alaska. Seeds presented by H. J. Hodgson, Alaska Experiment Station, Palmer. Received June 3, 1949.

**182490 to 182500. AVENA SATIVA L. Poaceae. Common oats.**

182490. S-1 *Kyto Yakutsk*. 182496. S-8 *Narym* 0205-4.

182491. S-2 *Yakutian Early*. 182497. S-9 *Narym* 614.

182492. *Golden Rain*. 182498. S-11 *Sakhalin Tulun* 86-5.

182493. S-4 *Magan* 044. 182499. S-12 *Sakhalin Tulun* 86-5.

182494. S-5 *Magan* A-339. 182500. S-15 *Sakhalin Baikal* 28412.

182495. S-7 *Narym* 0222-21.

**182501 and 182502. HORDEUM DISTICHON L. Poaceae. Barley.**

182501. S-1 *Niyuroin Yakutsk*.

182502. S-2 *Colchicum* 10-30.

**182503. HORDEUM VULGARE L.**

S-3 *Pokroysky Yakutsk*.

**182504. HORDEUM DISTICHON L.**

S-4 *Wiener* 11-63.

**182505 to 182513. HORDEUM VULGARE L.**

182505. S-5 *Pioneer*. 182510. S-10 *Krasnoyarsk* 74.

182506. S-6 *Markhinetz*. 182511. S-11 *Krasnoyarsk Wiener*.

182507. S-7 *Krasnoyarsk Goldcoin*. 182512. S-12 *Krasnoyarsk* 1411-5.

182508. S-8 *Krasnoyarsk Goldcoin*. 182513. S-13 *Krasnoyarsk*.

182509. S-9 *Krasnoyarsk Goldcoin*.

**182514. HORDEUM DISTICHON L.**

S-14 *Krasnoyarsk Coeleste*.

**182490 to 182535—Continued**182515 to 182517. *HORDEUM VULGARE* L.182515. S-15 *Krasnoyarsk* 231-37.182516. S-16 *Krasnoyarsk N.* 741.182517. S-17 *Kholt Sakhalin*.182518. *HORDEUM*.S-18 K-2-14 *Sakhalin*.182519 to 182524. *HORDEUM VULGARE* L.182519. S-19 *Sakhalin Olli*.182522. S-22 *Narym K*-25.182520. S-20 *Narym* 02-4.182523. S-23 *Narym* 825-42.182521. S-21 *Narym* 0-41.182524. S-24 *Narym* 374-42.182525 to 182535. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.**182525. S-1 *Skorospielka*.182531. S-9 *Narym* No. 1.182526. S-2 *Yakutianka*.182532. S-10 *Narym* No. 3.182527. S-3 *Teremok*.182533. S-11 *Narym* No. 5.182528. S-4 *Victory*.182534. S-12 *Narym T*-85-14.182529. S-5 *Sakhalin Luteeng* 22.182535. S-13 *Narym Early Finnish*.182530. S-7 *Sakhalin Lutesces* 34.**182536 to 182557. SOLANUM TUBEROSUM** L. Solanaceae. **Potato.**

From Germany. Tubers presented by Dr. Wilhelm Rudolf, Max-Planck Institut, Voldagsen Über Elze. Received June 3, 1949.

182536. No. 3038.

182547. No. 3637.

182537. No. 3080.

182548. No. 3640.

182538. No. 3333.

182549. No. 3644.

182539. No. 3348.

182550. *Aakersegen*.

182540. No. 3327.

182551. *Aquila*.

182541. No. 3371.

182552. *Bona*.

182542. No. 3513.

182553. *Falki*.

182543. No. 3535.

182554. *Flava*.

182544. No. 3541.

182555. *Fmhndit*.

182545. No. 3542.

182556. *Panther*.

182546. No. 3556.

182557. *Pommernbote*.**182558 to 182645.**

From Japan. Seeds collected by W. H. Leonard, Natural Resources Section, SCAP, APO 500, San Francisco, Calif. Received June 3, 1949.

182558 to 182597. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.**182558. *Norin* No. 20.182567. *Norin* No. 45.182559. *Saitama* No. 27.182568. *Norin* No. 34.182560. *Norin* No. 26.182569. *Norin* No. 4.182561. *Sin Chunaga*.182570. *Norin* No. 16.182562. *Norin* No. 50.182571. *Norin* No. 36.182563. *Eshima Shinriki*.182572. *Iga Chikueo Oregon*.182564. *Norin* No. 9.182573. *Norin* No. 44.182565. *Haya Komugi*.182574. *Shirosaya*.182566. *Norin* No. 53.182575. *Norin* No. 29.

## 182558 to 182645—Continued

## 182558 to 182597—Continued

182576. <i>Norin</i> No. 30.	182587. <i>Norin</i> No. 17.
182577. <i>Norin</i> No. 52.	182588. <i>Yamaguchi Konugi</i> .
182578. <i>Tochigi Sekitori I</i> .	182589. <i>Akabozu</i> .
182579. <i>Norin</i> No. 60.	182590. <i>Hadakeda Komugi</i> .
182580. <i>Akasabishirazu I</i> .	182591. <i>Norin</i> No. 61.
182581. <i>Norin</i> No. 27.	182592. <i>Shonan</i> .
182582. <i>Norin</i> No. 25.	182593. <i>Sadabozu</i> No. 1.
182583. <i>Chuko</i> .	182594. <i>Norin</i> No. 1.
182584. <i>Norin</i> No. 23.	182595. <i>Wase Komugi</i> No. 26.
182585. <i>Norin</i> No. 24.	182596. <i>Akagara Ibaragi</i> No. 1.
182586. <i>Norin</i> No. 43.	182597. <i>Norin</i> No. 10.

## 182598 to 182614. HORDEUM VULGARE L. Poaceae. Barley.

182598. <i>Aizu</i> No. 2.	182607. <i>Ippi</i> .
182599. <i>Aizu</i> No. 4.	182608. <i>Hosokawanishiki</i> .
182600. <i>Aizu</i> No. 5.	182609. <i>Hosokawa</i> No. 2.
182601. <i>Aizu</i> No. 7.	182610. <i>Aizu Hadaka</i> .
182602. <i>Nagaoka</i> .	182611. <i>Osaka</i> No. 6.
182603. <i>Kairyo Hadaka</i> .	182612. <i>Kodama</i> No. 13.
182604. <i>Kairyo Bozo</i> .	182613. <i>Kobai</i> No. 10.
182605. <i>Sangatsu Hadaka</i> No. 1.	182614. <i>Kagoshima Kobai</i> .
182606. <i>Shiromugi</i> No. 6.	

## 182615. TRITICUM AESTIVUM L. Poaceae. Common wheat.

*Nigo Kumashima*.

## 182616 to 182618. HORDEUM VULGARE L. Poaceae. Barley.

182616. <i>Mikuriya</i> .
182617. <i>Mihohadaka</i> .
182618. <i>Usumaki</i> .

## 182619. HORDEUM sp.

*Shikoku*.

## 182620 to 182645. HORDEUM VULGARE L.

182620. <i>Hayakiso</i> No. 2.	182633. <i>Kosaba</i> No. 2.
182621. <i>Hannadaka</i> No. 2.	182634. <i>Tokuji</i> .
182622. <i>Dajokan</i> .	182635. <i>Shinriki Mugi</i> .
182623. <i>Ouchi</i> No. 1.	182636. <i>Sekitori</i> No. 3.
182624. <i>Baitori</i> No. 11.	182637. <i>Tochigi Sekitori</i> No. 1.
182625. <i>Baitori</i> No. 1.	182638. <i>Sekitori</i> No. 2.
182626. <i>Hozoroi</i> .	182639. <i>Iwate</i> .
182627. <i>Wase Hadaka</i> .	182640. <i>Chikurin</i> .
182628. <i>Ichiwase</i> .	182641. <i>Chigurin Ibaraki</i> No. 2.
182629. <i>Ichinen Mudi</i> No. 2.	182642. <i>Bizenwase Saitama</i> No. 4.
182630. <i>Tokushima Kagawa</i> No. 5.	182643. <i>Tanikaze</i> No. 2.
182631. <i>Kagawa Hadaka</i> No. 1.	182644. <i>Shiga Hachikoku</i> No. 5.
182632. <i>Michima Hadaka</i> .	182645. <i>Hakata</i> No. 2.

**182646 to 182648.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, Washington, D. C. Received June 3, 1949.

182646. *CAPSICUM FRUTESCENS* L. Solanaceae.

**Redpepper.**

182647. *PHASEOLUS VULGARIS* L. Fabaceae.

**Common bean.**

182648. *CROTALARIA* sp. Fabaceae.

**182649 to 182658.**

From China. Seeds presented by the Lu Shan Botanical Garden, Kuling, Kiu-kiang. Received Feb. 18, 1949.

182649. *ACER AMPLUM* var. *TIENTAIENSE* Rehder. Aceraceae.

182650. *ACER FARGESII* Franch.

182651. *CAMELLIA RETICULATA* Lindl. Theaceae.

182652. *ILEX DUBIA* var. *PSEUDOMACROPODA* Loes. Aquifoliaceae.

182653. *KETELEERIA EVELYNIANA* Mast. Pinaceae.

182654. *MAGNOLIA DENUDATA* Desr. Magnoliaceae.

182655. *MAGNOLIA OFFICINALIS* var. *BILOBA* Rehd. & Wils.

182656. *RHAMNUS CHEKIANGENSIS* Cheng. Rhamnaceae.

Shrub up to 2 mm. high; leaves oblong to oblong-obovate, 1.2 to 4 cm. long, white tomentose beneath; fruit reddish-purple, 5 mm. long.

182657. *RHODODENDRON MICROPHYTON* Franch. Ericaceae.

182658. *SLOANEA SINENSIS* (Hance) Hu. Elaeocarpaceae.

**182659 to 182676.**

From Syria and Lebanon. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 7, 1949.

Collected in 1948. From Lebanon unless otherwise indicated.

182659 and 182660. *HORDEUM DISTICHON* L. Poaceae.

**Barley.**

182659. No. 9732. Arnet, near Damascus, Syria. Oct. 17.

182660. No. 9924. Al-Marj, Zahle. Nov. 2.

182661. *HORDEUM VULGARE* L.

No. 9942. Romi. Al-Marj, Zahle.

182662 and 182663. *HORDEUM DISTICHON* L.

182662. No. 9943. *Bikai*. Al-Marj, Zahle.

182663. No. 9990. Andjar-Bekaa. Italian type.

182664 to 182676. *TRITICUM AESTIVUM* L. Poaceae.

**Common wheat.**

182664. No. 9821. *Salamouni*. Damascus, Syria. Oct. 20.

182665. No. 9915. *Bekaa*. Chtura. Nov. 2. Local type.

182666 to 182672. From Al-Marj, Zahle. Nov. 2.

182666. No. 9918. *Bikaii*. 182670. No. 9934. *Bikaii*.

182667. No. 9923. *Hourani*. 182671. No. 9935. *Hourani*.

182668. No. 9925. *Italian*. 182672. No. 9945. *Bikaii*.

182669. No. 9929. *Hourani*.

182673 to 182676. From Andjar-Bekaa. Nov. 2.

182673. No. 9979. *Salamouni*. 182675. No. 9983. *Salamouni*.

182674. No. 9982. *Hourah*. 182676. No. 9993. *Italian*.

**182677 to 182720. HORDEUM spp. Poaceae.****Barley.**

From Syria. Seeds collected by Clarence O. Eyer, Near East Foundation, Damascus. Received June 7, 1949.

**182677 and 182678. HORDEUM DISTICHON L.**

182677. A-Damascus 5. White type.

182678. A-Damascus 6. Black type.

**182679. HORDEUM VULGARE L.**A-Damascus 7. *Khashabi*.**182680 to 182683. HORDEUM DISTICHON L.**182680. B-Hauran 6. *White Haurani*.

182682. C-Homs 3. White type.

182683. C-Homs 4. Black type.

182681. B-Hauran 7. *Black Haurani*.**182684. HORDEUM VULGARE L.**C-Homs 5. *Khashabi*.**182685 to 182694. HORDEUM DISTICHON L.**182685. C-Homs 6. *Black Soueid*.182689. E-Aleppo 5. *Black Charki*.182686. D-Hama 3. *White Gharbi*.182690. E-Aleppo 6. *White Gharbi*.182687. D-Hama 4. *White Charki*.182691. E-Aleppo 1. *White Chamali*.182688. E-Aleppo 4. *White Kibli*.182692. F-Jezireh 11. *Black Sinjari*.182693. F-Jezireh 12. *Black Roummani*.182694. Aleppo 52. *Baladi*.**182695 to 182720. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**182695. A-Damascus 1. *Kuneitra*.182707. D-Hama 2. *Skeilbie*.182696. A-Damascus 2. *Zaraa*.182708. E-Aleppo 1. *Gharbi; Idlib*.182697. A-Damascus 3. *Ghozlanie; Nashabie*.182709. E-Aleppo 2. *Charki*.182698. A-Damascus 4. *Kameshli*.182710. E-Aleppo 3. *Chamali*.182699. B-Hauran 1. *Haurani*.182711. F-Jezireh 1. *Kaundouhari*.182700. B-Hauran 2. *Jeidouri; Naoua*.182712. F-Jezireh 2. *Bayadi*.182701. B-Hauran 3. *Jeidouri; Jassem*.182713. F-Jezireh 3. *Sin-Jamal*.182702. B-Hauran 4. *Sahm-Jolan*.182714. F-Jezireh 4. *Khomrok*.182703. B-Hauran 5. *Ghabagheb*.182715. F-Jezireh 5. *Sur-Gul*.

182704. C-Homs 1.

182716. F-Jezireh 6. *Mouchie*.182705. C-Homs 2. *Soueidi; Jezireh*.182717. F-Jezireh 7. *Koukou*.182706. D-Hama. *Gharbi*.182718. F-Jezireh 8. *Siglawi I*.182719. F-Jezireh 9. *Siglawi II*.182720. F-Jezireh 10. *Haurani*.**182721 to 182764.**

From Turkey, Syria, and Lebanon. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 7, 1949.

Collected in 1948. From Turkey unless otherwise indicated.

**182721 to 182724. SECALE CEREALE L. Poaceae.****Rye.**

182721. No. 10445. Beytisebap, Hakari.

182723. No. 10522. Elbistan, Maras.

182722. No. 10465. Pasinler, Erzurum.

182724. No. 10625. Maras, Maras.

## 182721 to 182764—Continued

182725. HORDEUM sp. Poaceae.

Barley.

No. 9916. *Roomy*. Chtura, Lebanon. Nov. 2.

182726. HORDEUM VULGARE L.

No. 10382. Igdir, Kars. Six-rowed type.

182727 to 182733. HORDEUM DISTICHON L.

182727. No. 10392. Cimikan, Eleskirt, Agri.

182728. No. 10394. Dambbat, Agri. Two-rowed type.

182729. No. 10402. *Durez*. Derik, Mardin. Two-rowed.

182730. No. 10444. Beytisebap, Hakari.

182731. No. 10456. Hayik, Bayburt, Gumusane. White.

182732. No. 10480. Nusaybin, Mardin.

182733. No. 10542. Elbistan, Maras.

182734. HORDEUM VULGARE L.

No. 10556. Igdir, Kars.

182735. HORDEUM DISTICHON L.

No. 10612. Ercis, Van.

182736. HORDEUM VULGARE L.

No. 10617. Maras. Short, thick heads.

182737 to 182764. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

182737. No. 8778. *Haurani*. Seed dealer, Damascus, Syria. Oct. 20.182738. No. 9927. *Haurani*. Al-Marj, Zahle, Lebanon. Nov. 2.182739. No. 10381. *Topbas*. Igdir, Kars.

182740. No. 10383. Igdir, Kars. Red winter type.

182741. No. 10384. *Kirik*. Dambbat, Karakose, Agri. Winter type.

182742. No. 10390. Cimikan, Eleskirt, Agri. Red spring type.

182743 to 182747. Derik, Mardin.

182743. No. 10399. Short-bearded type.

182746. No. 10406. *Pozres*.182747. No. 10410. *Mencik*.182744. No. 10401. *Seklavi*.

Black-bearded type.

182745. No. 10405. *Sorgul*.

182748. No. 10425. Mus, Mus. Spring type.

182749. No. 10432. Mus.

182750. No. 10438. Beytisebap, Hakari. Spring type.

182751. No. 10446. Beytisebap.

182752. No. 10452. Kelevereck, Bayburt, Gumusane.

182753. No. 10453. *Kirik*. Bayburt, Gumusane.

182754. No. 10473. Nusaybin, Mardin.

182755. No. 10515. *Kundurn*. Elbistan, Maras.

182756. No. 10516. Elbistan.

182757. No. 10527. Elbistan. Red type.

182758. No. 10548. Tasburun, Igdir, Kars.

182759. No. 10605. Misuri, Bitlis.

182760. No. 10608. *Tir*. Ahlat, Bitlis.



**182721 to 182764—Continued****182737 to 182764—Continued**182761. No. 10609. *Kose*. Purhus, Ahlat.182762. No. 10611. *Tortopi*. Garzan, Siirt.182763. No. 10614. *Sunter*. Kinik, Sindirgi, Balikesir.182764. No. 10626. *Yoksul*. Maras, Maras.**182765 and 182766. MUSA TEXTILIS Née. Musaceae. Abacá.**

From Honduras. Seeds collected by B. B. Robinson, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 7, 1949.

182765. No. 1.

182766. No. 2.

**182767 and 182768. ARUNDINARIA spp. Poaceae. Bamboo.**

From Venezuela. Rhizomes collected by Bassett Maguire, New York Botanical Garden, New York, N. Y. Received June 8, 1949.

182767. *ARUNDINARIA* sp.182768. *ARUNDINARIA SCHOMBURGKII* Bennett.**182769 to 182772.**

From Sweden. Seeds presented by the Carl Engstrom Company, Eslov. Received May 31, 1949.

182769. *ANTHYLLIS VULNERARIA* L. Fabaceae.

Kidneyvetch.

182770. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

182771. *ORNITHOPUS SATIVUS* Brot. Fabaceae.

Serradella.

182772. *POA TRIVIALIS* L. Poaceae.

Rough bluegrass.

**182773 to 182785.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 8, 1949.

Collected in 1948.

182773. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

No. 10591. *Narsin*, Bitlis.182774. *ELAEAGNUS PUNGENS* Thunb. Elaeagnaceae.

Thorny elaeagnus.

No. 10578. *Susurluk*, Balikesir.182775. *FOENICULUM VULGARE* Mill. Apiaceae.

Fennel.

No. 10510. *Mayana*. Elbistan, Maras.182776 to 182778. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

182776. No. 10411.

182777. No. 10475.

182778. No. 10520.

182779 and 182780. *LATHYRUS SATIVUS* L. Fabaceae.

Bittervetch.

182779. No. 10400. *Culbant*. Derik, Mardin.

182780. No. 10533. Elbistan, Maras. Rambling vetch.

182781. *MESPILUS GERMANICA* L. Malaceae.

Medlar.

No. 10562. *Musmula*. Susurluk, Balikesir.182782. *PISTACIA* sp. Anacardiaceae.No. 10443. *Butum*. Beytisebap, Hakari.

**182773 to 182785—Continued**182783. *PISTACIA* sp.

No. 10659. Maras, Maras.

182784. *RHUS* sp. Anacardiaceae.

No. 10655. Maras.

182785. *ZEA MAYS* L. Poaceae.

Corn.

No. 10378-A. Gemlik, Bursa.

**182786 to 182789.**

From Costa Rica and Mexico. Plant material collected by B. B. Robinson, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 8, 1949.

From Costa Rica unless otherwise indicated.

182786. *FURCRAEA* sp. Amaryllidaceae.

Originally from Bataan. Bulbs.

182787. *SANAEVIERIA TRIFASCIATA* Prain. Liliaceae.

San José. Leaves and roots.

182788. *AGAVE FOURCROYDES* Lem. Amaryllidaceae.

Henequen.

Merida, Yucatán, Mexico. Plants.

182789. *FURCRAEA* sp. Amaryllidaceae.

Plants.

182790. *CICHORIUM INTYBUS* L. Asteraceae.

Chicory.

From Italy. Seeds collected by George Goe, New York, N. Y. Received June 10, 1949.

182791. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

From Trinidad. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 10, 1949.

182792 to 182794. *POA COMPRESSA* L. Poaceae. **Canada bluegrass.**

From Canada. Seeds presented by the Central Experiment Farm, Ottawa. Received June 10, 1949.

182792. *Canon.*182793. *Chieftain.*182794. *Commercial.*182795. *CROTALARIA* sp. Fabaceae.

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 10, 1949.

Huehuetenango.

182796 to 182804. *ANNONA CHERIMOLA* Mill. Annonaceae.**Cherimoya.**

From Peru. Seeds presented by Edwin Anderson, Lima. Received June 10, 1949.

182796. *Asia* 1.182801. *Chancay* 6.182797. *Asia* 2.182802. *Chancay* 7.182798. *Santa Geronimo* 3.182803. *Chancay* 8.182799. *Santa Eulalia* 4.182804. *Chancay Valley* 9.182800. *Chancay* 5.

**182805 to 182807. PRUNUS AVIUM L. Rosaceae. Sweet cherry.**

From New Zealand. Trees presented by C. E. Woodhead, Auckland. Received June 13, 1949.

182805. *Moss Early.*

182806. *Moss Late.*

182807. *Rons Seedling.*

**182808 to 182830. ZEA MAYS L. Poaceae. Corn.**

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 13, 1949.

San Pedro Soloma, Huehuetenango. Altitude 7,600 feet. Cold climate similar to Pacific Northwest.

(Seed size and color as indicated.)

182808. No. 1. Medium, white.

182809. No. 2. Medium, black or dark-chestnut.

182810. No. 3. Large, black or dark-chestnut.

182811. No. 4. Large, yellow.

182812. No. 5. Medium, mixed, red and yellow.

182813. No. 6. Medium, yellow.

182814. No. 7. Medium-small, red.

182815. No. 8. Large, white.

182816. No. 9. Medium, milky white.

182817. No. 10. Medium-small, yellow.

182818. No. 11. Medium-small, yellowish-brown and chestnut.

182819. No. 12. Small, white and purple.

182820. No. 13. Large, yellow.

182821. No. 14. Medium, light-yellow.

182822. No. 15. Medium, black or dark-chestnut.

182823. No. 16. Medium, black or dark-chestnut.

182824. No. 17. Medium, yellow.

182825. No. 18. Small, red.

182826. No. 19. Small, red.

182827. No. 20. Medium-small, yellow.

182828. No. 21. Medium-small, yellowish-brown.

182829. No. 22. Small, yellow.

182830. No. 23. Medium, yellowish-white.

**182831. MALUS CORONARIA (L.) Mill. Malaceae.**

From Maryland. Plant growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 13, 1949.

*Niewland.*

**182832. CICHORIUM INTYBUS L. Asteraceae. Chicory.**

From Italy. Seeds collected by George Goe, New York, N. Y. Received June 10, 1949.

*Red Chicory.*

**182833. SACCHARUM. Poaceae.****Sugarcane.**

From Australia. Cuttings presented by Department of Agriculture and Stock,  
Brisbane, Queensland, Australia. Received June 15, 1949.

Q-44.

**182834 and 182835.**

From Cuba. Seeds presented by Joe E. Walker, American Embassy, Havana.  
Received June 15, 1949.

182834. *HIBISCUS CANNABINUS* L. Malvaceae.**Kenaf.**182835. *HIBISCUS SABDARIFFA* L.**Roselle.***Altissima.***182836 to 182859.**

From Czechoslovakia. Seeds presented by the Oseva Seed Organization, Praha,  
Kralodvorska, and obtained through the American Embassy, Praha. Re-  
ceived June 15, 1949.

182836 to 182838. *AVENA SATIVA* L. Poaceae.**Common oats.**182836. *Chlumecky.*182837. *Nalsovaky.*182838. *Studnický.*182839 to 182843. *HORDEUM DISTICHON* L. Poaceae.**Barley.**182840. *Hana X Kargyn.*182842. *Proskovcuv.*182839. *Diosecky 802.*182843. *Stupicky Hanacky.*182841. *Hanacky Jubilejni.*182844 to 182846. *SECALE CEREALE* L. Poaceae.**Rye.**182844. *Dobrovicke.*182845. *S-II.*182846. *Zenith.*182847 to 182851. *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.**182847. *Ratboraka.* Spring type.182848. *Vega.* Spring type.182849. *Chlumecka 12.* Winter type.182850. *Diosecka 777.* Winter type.182851. *Hodininska Holice.* Winter type.182852 to 182854. *BETA VULGARIS* L. Chenopodiaceae.**Beet.**182852. *Dobrovicka C.*182853. *Dobrovicka N.*182854. *Dobrovicka V.*182855. *FESTUCA ELATIOR* L. Poaceae.**Meadow fescue.**182856. *FESTUCA RUBRA* L.**Red fescue.**182857. *LOLIUM PERENNE* L. Poaceae.**Perennial ryegrass.**182858. *POA NEMORALIS* L. Poaceae.182859. *TRisetum FLAVESCENS* (L.) Beauv. Poaceae.

**182860 to 182883. RHODODENDRON. Ericaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 16, 1949.

Varieties developed, tested, and distributed from the United States Plant Introduction Garden, Glenn Dale, Md., by B. Y. Morrison. Known commonly in the trade as "Glenn Dale Hybrid Azaleas."

182860. <i>Temptation.</i>	182872. <i>Quest.</i>
182861. <i>Roselight.</i>	182873. <i>Reward.</i>
182862. <i>Dawning.</i>	182874. <i>Phoebe.</i>
182863. <i>Tartar.</i>	182875. <i>Gavain.</i>
182864. <i>Cascade.</i>	182876. <i>Merlin.</i>
182865. <i>Portent.</i>	182877. <i>Morgana.</i>
182866. <i>Bettima.</i>	182878. <i>Ganymede.</i>
182867. <i>Jingle.</i>	182879. <i>Serenity.</i>
182868. <i>Brangeane.</i>	182880. <i>Witchery.</i>
182869. <i>Isolde.</i>	182881. <i>Circe.</i>
182870. <i>Tristan.</i>	182882. <i>Medea.</i>
182871. <i>Katinka.</i>	182883. <i>Matins.</i>

**182884 to 182916.**

From Turkey. Seeds collected by Jack R. Harlan, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 17, 1949.

Collected in 1948.

**182884. HORDEUM DISTICHON L. Poaceae.****Barley.**

No. 4945. Siklik, Corum. Aug. 2.

**182885. HORDEUM sp.**

No. 5701. Tuzla, Izmir. Oct. 11.

**182886 and 182887. HORDEUM DISTICHON L.**

182886. No. 7699. Ercis, Van. Aug. 21. Two-rowed.

182887. No. 7685. Gumusvan, Agri. Upland plateau.

**182888. HORDEUM sp.**

No. 7850. Asagi Kananos, Hakari. Aug. 25.

**182889. HORDEUM sp.**

No. 7884. Sandag, Hakari. Aug. 26. Altitude 9,000 feet. Plant without auricles.

**182890. HORDEUM sp.**

No. 7930. Keloki, Siirt. Aug. 29.

**182891. HORDEUM sp.**

No. 7904. Kepir Mountain Pass, Baskale, Van. Aug. 27. Altitude 9,000 feet.

**182892 to 182895. SECALE CEREALE L. Poaceae.****Rye.**

182892. No. 4984. Gollu, Cicekdag, Kirsehir. Aug. 3.

182893. No. 4962. Kure, Alaca, Corum. Aug. 2.

182894. No. 7692. Patnos, Agri. Aug. 21.

182895. No. 7701. Kocapinar, Van. Aug. 21.

## 182884 to 182916—Continued

182896. *SECALE* sp.

No. 7919. Etenon, Van. Aug. 28. Growing wild along roadside on south side of Lake Van.

182897 to 182912. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

182897. No. 4920. *Sam.* Marinca, Merzifon, Amasya. Aug. 2.182898. No. 4956. *Eveyik.* Siklik, Corum.182899. No. 4974. *Eveyik.* Kure, Alaca, Corum.

182900. No. 4981. Saray, Yerkoy, Yozgat. Aug. 3.

182901. No. 4985. Arakin Kazi, Cicekdag, Kirsehir.

182902. No. 4987. Gollu, Cicekdag, Kirsehir.

182903 to 182909. From Agri Province.

182903. No. 7622. *Kari,* Bayazit. Aug. 19. Altitude 7,500 feet.182904. No. 7629. *Topas.* Diyadin. Aug. 20.182905. No. 7631. *Kirik.* Diyadin. Aug. 20.182906. No. 7664. *Kirik.* Karakose. Aug. 21.

182907. No. 7682. Musik. Upland plateau.

182908. No. 7686. *Kirik.* Gumusvan. Upland plateau.182909. No. 7687. *Tir.* Gumusvan.182910. No. 7695. *Tir.* Zorova, Ercis, Van. Aug. 21.

182911. No. 7696. Zorova, Ercis, Van. Aug. 21.

182912. No. 7697. *Kirik.* Resat, Ercis, Van.182913 to 182916. *TRITICUM MONOCOCCUM* var. *AEGILOPOIDES* Aschers. & Graebn.

182913. No. 7999. Karakocan Deresi, Elazig. Sept. 1.

182914. No. 8008. Yenikoy, Elazig. Sept. 1. Black type.

182915. No. 8009. Yenikoy, Elazig. Sept. 1. White type.

182916. No. 8029. Village of Erzuruk, Elazig. Sept. 2. Black type.

## 182917 to 183004.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 20, 1949.

Collected in 1949.

182917. *ALLIUM CEPA* L. Liliaceae.

Onion.

No. 11259. *Dungari.* Jamnagar, Kathiawar. Feb. 19.182918. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae.

Sarson.

No. 11348. *Sarsi.* Broach, Bombay. Feb. 22.182919. *BRASSICA OLERACEA* var. *CAPITATA* L.

Cabbage.

No. 11393. *Kobi.* Surat, Bombay. Feb. 24. Hard heads of large size.182920. *BRASSICA* sp.No. 11277. *Kopi.* Jamnagar, Kathiawar. Feb. 19. Small globose heads.182921. *BRASSICA* sp.No. 11309. *Rai.* Bhuj, Cutch. Feb. 20.182922. *BRASSICA* sp.No. 11489. *Sarson.* Raipur, Central Provinces. Mar. 5. Oilseed.182923. *BRASSICA CAMPESTRIS* L.No. 11493. *Rai.* Raipur, Central Provinces.

## 182917 to 183004—Continued

182924. *BRASSICA* sp.

No. 11526. *Sarsum*. Barmakot, Bastar State. Mar. 19. Oilseed.

182925 to 182929. *CAPSIUM FRUTESCENS* L. Solanaceae. **Redpepper.**

182925. No. 11134. *Mircha*. Veraval, Kathiawar. Feb. 5. Fruit bullnosed, 3 to 4 by 1½ inches, red; flesh sweet; seeds mildly pungent.

182926. No. 11284. *Mirch*. Rajkot, Kathiawar. Feb. 20. Fruit bullnosed, 3½ to 4 inches long, red; flesh sweet; seeds sweet to hot.

182927. No. 11322. *Mirch*. Bhuj, Cutch. Feb. 20. Fruit red, 2½ by 1 inches, round and blunt; hot.

182928. No. 11532. *Miri*. Barmakot, Bastar State. Mar. 19. Fruit red, 3 by ½ inches; flesh sweet to mild; seeds mildly hot.

182929. No. 11576. *Miri*. Korber, Bastar State. Mar. 24.

182930 and 182931. *CARICA PAPAYA* L. Papayaceae. **Papaya.**

182930. No. 11092. Sihor, Kathiawar. Jan. 28. Fruit about 8 by 5 inches, often green color when ripe; flesh thick, golden-yellow, and of unusually good flavor; tree fructiferous.

182931. No. 11335. Broach, Bombay. Feb. 22. Fruit elongate, 15 inches long, weighing 8½ pounds; good quality.

182932 to 182935. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

182932. No. 11329. *Tarbuza*. Broach, Bombay. Feb. 22. Fruit globose, 10 inches in diameter, grass-green with black lines; flesh rose.

182933. No. 11331. *Tarbuch*. Broach, Bombay. Fruit subglobose, 9 inches long, sea-green with a few rib lines; flesh pink.

182934. No. 11333. *Tarbuch*. Broach, Bombay. Fruit globose, 9 inches in diameter, pea-green with thin dark rib lines; flesh pink.

182935. No. 11524. *Tarbuza*. Raipur, Central Provinces. Mar. 10. Fruit globose, 9 inches in diameter, sea-green.

182936 to 182960. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

182936. No. 11124. *Teti*. Junagadh, Kathiawar. Feb. 1. Fruit pyriform, 8 inches in diameter, coarse netting; lemon with green and orange blotches; flesh green.

182937. No. 11179. *Razigra*. Veraval, Kathiawar. Feb. 6. Wild.

182938. No. 11210. *Teti*. Visavadar, Kathiawar. Feb. 15. Fruit quince-shaped, 6 inches in diameter, green, heavily netted; flesh green.

182939 to 182949. From Jamnagar, Kathiawar. Feb. 19.

182939. No. 11236. Fruit ovoid, 8 inches in diameter, greenish-brown with sunken ribs, netted; flesh salmon.

182940. No. 11247. Fruit subglobose, square-ended, 8 inches in diameter, faintly netted, pale-lemon, traces of sunken ribs; flesh salmon.

182941. No. 11248. Fruit ovoid, 6 inches in diameter, navelled, grass-green, coarse netting; flesh pale-green.

182942. No. 11255. Fruit flattened, 5 by 3½ inches, greenish-brown striped with green, coarse netting; flesh salmon.

182943. No. 11268. Fruit ovoid, 10 inches in diameter, grass-green, heavily netted, with narrow unnetted stripes; flesh salmon.

182944. No. 11269. Fruit obovoid, 10 inches in diameter, lemon-green with black-greenish blotches, partly netted; flesh green.

182945. No. 11270. Fruit flattened, 6 by 5 inches, yellowish-brown, fine netting; flesh pale-salmon.

182946. No. 11272. Fruit obovoid, 8 inches in diameter, navelled golden-yellow with scattered green blotches, smooth; flesh salmon.

## 182917 to 183004—Continued

## 182936 to 182960—Continued

## 182939 to 182949—Continued

182947. No. 11274. Fruit obovoid, 6 inches in diameter, naveled, yellow mottled with blackish green and brown, with yellow stripes, partly netted; flesh cream-green.

182948. No. 11275. Fruit flattened, 6½ by 4 inches, green with darker green blotches, trace of netting; flesh green.

182949. No. 11276. Fruit ovoid, 8 inches in diameter, lemon-green with broken striped blotches of green, netted; flesh green.

## 182950 to 182954. From Bhuj, Cutch. Feb. 19.

182950. No. 11286. *Chibara*. Fruit elongate and football-shaped, 6 inches in diameter, golden-brown, heavily netted; flesh green.

182951. No. 11287. *Chibara*. Fruit globose, 5 inches in diameter, yellow with traces of blotched stripes, coarse netting; flesh cream.

182952. No. 11290. Fruit globose, 4 inches in diameter, lemon dotted with paler lemon and with broken bands of golden brown, coarse netting; flesh green.

182953. No. 11293. *Chibara*. Fruit flattened, 4 by 3½ inches, dull-brown with ribs of green and yellow, heavily netted; flesh green.

182954. No. 11323. *Chibara*. Fruit subglobose, 3½ inches in diameter, netted; flesh green.

## 182955 to 182957. From Rajkot, Kathiawar. Feb. 21.

182955. No. 11324. Fruit flattened, 6 by 4 inches, yellow freckled with darker yellow, half netted; flesh salmon.

182956. No. 11325. Fruit flattened, 9 by 6 inches, yellow with interspaces between sunken ribs blotched with golden brown, coarse netting; flesh salmon.

182957. No. 11326. Fruit ovoid, 10 inches in diameter, golden-brown, heavily netted; flesh salmon.

182958. No. 11400. *Teti*. Surat, Bombay. Feb. 24.182959. No. 11560. *Dangra*. Barmakot, Bastar State. Mar. 20.

182960. No. 12244. *Teti*. Jamnagar, Kathiawar. Feb. 19. Fruit quince-shaped, 6 inches in diameter, yellow blotched with brown and green, with trace of net; flesh green-tinged.

182961 and 182962. *CUCUMIS SATIVUS* L.

Cucumber.

182961. No. 11264. *Kakri*. Jamnagar, Kathiawar. Feb. 19.

182962. No. 11355. *Kakri*. Broach, Bombay. Feb. 22. Suited to summer rainy season. Long type.

182963. *CUCUMIS* sp.

No. 11215. Rajkot, Kathiawar. Feb. 16. Wild.

182964. *CUCUMIS* sp.

No. 11226. *Katunba*. Jamnagar, Kathiawar. Feb. 18. Growing wild in nearby fields.

182965. *CUCUMIS* sp.

No. 11519. Nawapara, Central Provinces. Mar. 8. Growing wild in forest; fruit globose, 2 inches in diameter.

182966 and 182967. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.

182966. No. 11357. *Kobara*. Broach, Bombay. Feb. 22. Fruit elongate, square ends, 8 by 4½ inches, buff-colored, ribbed.

182967. No. 11575. *Kumra*. Barmakot, Bastar State. Mar. 20. Fruit elongate, 2 feet long, buff-colored; flesh 2 inches thick, gold.



## 182917 to 183004—Continued

- 182968 and 182969. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.  
 182968. No. 11169. Veraval, Kathiawar. Feb. 6.  
 182969. No. 11300. Bhuj, Cutch. Feb. 19.
182970. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
 No. 11233. *Gajar*. Jamnagar, Kathiawar. Feb. 19. Purple-tinged type.
182971. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
 No. 11336. *Alsi*. Broach, Bombay. Feb. 22.
182972. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.  
 No. 11588. *Toria*. Korber, Bastar State. Mar. 25. Eaten when the fruit is young.
182973. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 No. 11267. Jamnagar, Kathiawar. Feb. 19. Fruit red.
182974. *ORYZA SATIVA* L. Poaceae. Rice.  
 No. 11569. *Kaliri Dhan*. Barmakot, Bastar State. Mar. 20.
182975. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. Pearl millet.  
 No. 11262. *Bajra*. Jamnagar, Kathiawar. Feb. 19. Used as grain or fodder.
182976. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. Moth bean.  
 No. 11384. *Mutt*. Surat, Bombay. Feb. 24.
182977. *PHASEOLUS AUREUS* Roxb. Mung bean.  
 No. 11308. *Mung*. Bhuj, Cutch. Feb. 19.
182978. *PHASEOLUS LUNATUS* L. Lima bean.  
 No. 11217. *Val*. Jamnagar, Kathiawar. Feb. 18.
- 182979 to 182982. *PHASEOLUS MUNGO* L. Urd.  
 182979. No. 11306. *Urud*. Bhuj, Cutch. Feb. 19.  
 182980. No. 11495. Raipur, Central Provinces. Mar. 5.  
 182981. No. 11556. Barmakot, Bastar State. Mar. 20.  
 182982. No. 11558. Barmakot.
182983. *PHASEOLUS VULGARIS* L. Common bean.  
 No. 11387. *Val*. Surat, Bombay. Feb. 24.
- 182984 and 182985. *PISUM SATIVUM* L. Fabaceae. Pea.  
 182984. No. 11230. *Watana*. Jamnagar, Kathiawar. Feb. 19.  
 182985. No. 11341. *Watana*. Broach, Bombay. Feb. 22.
182986. *RHEUM RHAPONTICUM* L. Polygonaceae. Rhubarb.  
 No. 11457. *Rabob*. Thangi, Rampur-Busbahr. Mar. 1.
- 182987 and 182988. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 182987. No. 11187. *Erari*. Jamwala, Kathiawar. Feb. 11. Plants 8 feet high. Stalks red, pods smooth.  
 182988. No. 11449. *Divela*. Surat, Bombay. Feb. 26. Plants 4 feet high.
182989. *RUBUS* sp. Rosaceae.  
 No. 11458. Thangi, Rampur-Busbahr. Mar. 1. Altitude 8,000 feet.
- 182990 to 182993. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 182990. No. 11194. Jamwala, Kathiawar. Feb. 12. Wild plant 4 feet high.  
 182991. No. 11315. *Tal*. Bhuj, Cutch. Feb. 20.

**182917 to 183004—Continued****182990 to 182993—Continued**

182992. No. 11339. *Tal.* Broach, Bombay. Feb. 22.

182993. No. 11428. *Tal.* Surat Cotton Breeding Station, Surat, Bombay. Feb. 25.

**182994 to 182998. SOLANUM MELONGENA L. Solanaceae. Eggplant.**

182994. No. 11432. *Vengan.* Surat, Bombay. Feb. 25. Black type.

182995. No. 11433. Surat, Bombay. Feb. 25. Round, black type.

182996. No. 11499. *Bengan.* Raipur, Central Provinces. Mar. 16. Fruit very small, globose.

182997. No. 11572. *Banga.* Barmakot, Bastar State. Mar. 20. Fruit long, slender, white, streaked with purple.

182998. No. 11573. *Banga.* Barmakot, Bastar State. Mar. 20. Fruit slender, 8 inches long.

**182999 to 183002. SORGHUM VULGARE Pers. Poaceae.**

182999. No. 11231. *Juar.* Jamnagar, Kathiawar. Feb. 19.

183000. No. 11424. *Budh Perio.* Cotton Breeding Station, Surat, Bombay. Feb. 25.

183001. No. 11425. *Ghaonla.* Cotton Breeding Station, Surat, Bombay. Feb. 25. Sweet cane.

183002. No. 11552. *Jondra.* Barmakot, Bastar State. Mar. 20.

**183003. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.**

No. 11590. *Lobia.* Korber, Bastar State. Mar. 25.

**183004. ZEA MAYS L. Poaceae. Corn.**

No. 11500. *Makki.* Raipur, Central Provinces. Mar. 6.

**183005 to 183007. SACCHARUM. Poaceae. Sugarcane.**

From the Canal Zone. Cuttings presented by Julian Matz, Summit. Received June 20, 1949.

183005. *Lichtnode Knop*, Imp. 1067.

183006. *Molokai* 4360, Imp. 1005.

183007. *Molokai* 5549, Imp. 1030.

**183008 and 183009.**

From Canada. Seeds presented by Dr. W. I. White, University of Saskatchewan, Saskatoon. Received June 20, 1949.

183008. *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae. **Crested wheatgrass.**

183009. *AGROPYRON TRACHYCAULUM* (Link) Malte. **Slender wheatgrass.**

**183010 to 183091.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 20, 1949.

Collected in 1949.

**183010 to 183013. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.**

*Bhinda*, the local name for okra.

183010. No. 11095. Junagadh, Kathiawar. Jan. 21.

183011. No. 11302. Bhuj, Cutch. Feb. 19.

183012. No. 11347. Broach, Bombay. Feb. 22.

183013. No. 11398. Surat, Bombay. Feb. 24.

## 183010 to 183091—Continued

183014. *ALLIUM CEPA* L. Liliaceae. Onion.  
No. 11313. *Pujaz*. Bhuj, Cutch. Feb. 20. Flat red and white bulb.
- 183015 to 183017. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.  
*Singh*, the local name for peanut.
183015. No. 11173. *Sasan*, Kathiawar. Feb. 7.
183016. No. 11303. Bhuj, Cutch. Feb. 19.
183017. No. 11334. Broach, Bombay. Feb. 22.
183018. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.  
No. 11429. *Tulkobi*. Surat, Bombay. Feb. 25.
183019. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Sarson.  
No. 11395. *Sarsi*. Surat, Bombay. Feb. 24.
183020. *BRASSICA NIGRA* (L.) Koch. Black mustard.  
No. 11353. *Rai*. Broach, Bombay. Feb. 22.
183021. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.  
No. 11319. *Mirch*. Bhuj, Cutch. Feb. 20. Fruit red, 3 by 1½ inches at base, blunt; flesh sweet; seeds mild to hot.
- 183022 and 183023. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
183022. No. 11332. *Tarbuch*. Broach, Bombay. Feb. 22. Fruit globose, 8 inches in diameter, sea-green.
183023. No. 11382. *Tarbuch*. Surat, Bombay. Feb. 24.
- 183024 to 183053. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
183024. No. 10967. Rajkot, Kathiawar. Jan. 20. Fruit 8 inches in diameter, golden-brown, coarse heavy netting; flesh white, insipid.
183025. No. 11091. *Teti*. Sihor, Kathiawar. Jan. 28.
183026. No. 11111. Junagadh, Kathiawar. Feb. 1. Fruit quince-shaped, 7 inches in diameter, lemon sprinkled and blotched with grass-green, heavily netted; flesh green.
183027. No. 11123. Junagadh, Kathiawar. Feb. 1. Fruit globose, 8 inches in diameter, green and golden-brown, netted; flesh green.
- 183028 to 183030. From Visavadar, Kathiawar. Feb. 15.
183028. No. 11205. Fruit globose, pale-lemon with traces of purple and brown stripes, heavily netted; flesh green.
183029. No. 11206. Fruit football-shaped, 6 inches in diameter, pale-green, heavily netted; flesh green.
183030. No. 11209. Fruit globose, 6 inches in diameter, orange-brown, naveled, heavily netted; flesh salmon.
- 183031 to 183042. From Jamnagar, Kathiawar. Feb. 19.
183031. No. 11234. Fruit subglobose, 6 inches in diameter, a dull-pale-lemon with thin green ribs, fine netting; flesh salmon and green.
183032. No. 11235. Fruit obovoid, 5 inches in diameter, naveled, yellow mottled with green and brown, partly netted; flesh cream, tinted green.
183033. No. 11237. Fruit flattened, 6 by 3½ inches, naveled, yellow blotched with green and brown, trace of netting; flesh greenish-white.
183034. No. 11238. Fruit ovoid, 10 inches in diameter, naveled, lemon blotched with green and brown, netted; flesh green.
183035. No. 11240. Fruit ovoid, 6 inches in diameter, sunken ribs, netted; flesh greenish-white.

## 183010 to 183091—Continued

## 183024 to 183053—Continued

## 183031 to 183042—Continued

183036. No. 11241. Fruit globose, 5 inches in diameter, alternate broad broken blackish-green and lemon stripes, traces of netting; flesh salmon.
183037. No. 11249. Fruit cydoniform, 8 inches in diameter, lemon with blotch stripe remnants in blackish green and golden brown, weak net; flesh salmon.
183038. No. 11252. Fruit globose, 6 inches in diameter, grass-green with narrow paler green ribs, netted; flesh salmon-tinted.
183039. No. 11271. Fruit ovoid, 8 inches in diameter, buff-yellow, coarse netting; flesh salmon-tinted.
183040. No. 11273. Fruit cydoniform, 8 inches in diameter, pale-green blotched darker with gold brown, rough surface, coarse netting.
18341. No. 11278. Fruit elongate, obovoid, 11 inches in diameter, yellow with broken stripes of greenish brown, trace of netting; flesh salmon.
183042. No. 11279. Fruit 12 inches in diameter, lemon mottled with green, thin ribs of pale yellow, trace of netting; flesh pale-salmon.

## 183043 to 183046. From Bhuj, Cutch. Feb. 19.

183043. No. 11285. *Chibara*. Fruit flattened, 4 by 3 inches, yellow with broken stripes of gold brown, coarse netting; flesh salmon.
183044. No. 11288. *Chibara*. Fruit subglobose, 5 inches in diameter, gold-brown with narrow yellow ribs, coarse netting; flesh green.
183045. No. 11289. Fruit globose, 4 inches in diameter, alternate bands of yellow and yellowish brown, coarse netting; flesh cream.
183046. No. 11292. Fruit flattened, 4 by 3 inches, broken bands of golden brown separated by narrow stripes of lemon, netted; flesh green-tinted.
183047. No. 11327. Rajkot, Kathiawar. Feb. 21. Fruit ovoid, 10 inches in diameter, lemon freckled with green, small navel, sunken ribs, netted; flesh green-tinted.
183048. No. 11328. Rajkot, Kathiawar. Feb. 21. Fruit globose, 8 inches in diameter, gold-brown, weak netting; flesh salmon-tinted.

## 183049 to 183053. From Jamnagar, Kathiawar. Feb. 19.

183049. No. 12242. Fruit globose, 7 inches in diameter, lemon striped and blotched with green and brown, fine netting; flesh tinted cream-green.
183050. No. 12243. Fruit flattened, 3 by 5 inches, alternate broad blotched stripes of green and brown separated by pale-lemon-green sunken ribs, netted; flesh green-tinted.
183051. No. 12245. Fruit ovoid, 6 inches in diameter, nearly smooth, lemon with broken stripes of grass green; flesh cream.
183052. No. 12246. Fruit globes, 6 inches in diameter, yellow blotched with brown and green, coarse netting; flesh green.
183053. No. 12250. Fruit subglobose, 10 inches in diameter, yellow-brown with broad green stripes, netted; flesh pale-salmon-tinged.

## 83054 to 183056. CUCUMIS SATIVUS L.

## Cucumber.

183054. No. 11354. *Chibara*. Broach, Bombay. Feb. 22. Spineless; summer type.
183055. No. 11383. *Chibara*. Surat, Bombay. Feb. 24. Winter type; smooth; 6 by 1½ inches; good quality.
183056. No. 11389. *Kakri*. Surat, Bombay.

## 183010 to 183091—Continued

183057. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**  
No. 11356. *Kobara*. Broach, Bombay. Feb. 22. Fruit 15 inches in diameter, weak ribs, thin flesh, buff-brown.
183058. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
No. 11106. *Alsi*. Junagadh, Kathiawar. Jan. 31.
183059. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. **Singkwa towelgourd.**  
No. 1159. *Toria*. Veraval, Kathiawar. Feb. 6. Eaten as vegetable when tender.
183060. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
No. 11096. *Lechka*. Junagadh, Kathiawar. Jan. 31.
183061. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
No. 11316. *Bajra*. Bhuj, Cutch. Feb. 20.
183062. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**  
No. 11307. *Mutt*. Bhuj, Cutch. Feb. 19.
- 183063 to 183065. *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
183063. No. 11162. Veraval, Kathiawar. Feb. 6.  
183064. No. 11304. Bhuj, Cutch. Feb. 19.  
183065. No. 11299. Bhuj, Cutch.
- 183066 and 183067. *PHASEOLUS VULGARIS* L. **Common bean.**  
183066. No. 11305. *Val*. Bhuj, Cutch.  
183067. No. 11386. *Val*. Surat, Bombay. Feb. 24.
183068. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
No. 11388. *Watana*. Surat, Bombay.
- 183069 to 183073. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**  
183069. No. 11116. *Mula*. Junagadh, Kathiawar. Feb. 1.  
183070. No. 11149. *Mula*. Veraval, Kathiawar. Feb. 5.  
183071. No. 11266. Jamnagar, Kathiawar. Feb. 19.  
183072. No. 11312. Bhuj, Cutch. Feb. 20. Long, white type.  
183073. No. 11345. Broach, Bombay. Feb. 22.
- 183074 to 183078. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
183074. No. 11087. *Arari*. Sihor, Kathiawar. Jan. 28. Small tree, 12 feet high; pods crimson.  
183075. No. 1146. *Erari*. Veraval, Kathiawar. Feb. 5. Plants 4 to 5 feet high.  
183076. No. 11171. *Erari*. Sasan, Kathiawar. Feb. 7. Plants shoulder-high in fields.  
183077. No. 11295. *Erar*. Bhaj, Cutch. Feb. 19.  
183078. No. 11340. *Divela*. Broach, Bombay. Feb. 22.
- 183079 to 183083. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
183079. No. 11156. *Tal*. Veraval, Kathiawar. Feb. 6.  
183080. No. 11164. Veraval, Kathiawar. Feb. 6.  
183081. No. 11426. Cotton Breeding Station, Surat, Bombay. Feb. 25.  
183082. No. 11427. Cotton Breeding Station, Surat, Bombay. Feb. 25.  
183083. No. 11513. Nawapara, Central Provinces. Mar. 8. Wild plant 4 feet high growing on bedrock in forest opening.

## 183010 to 183091—Continued

183084. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**  
 No. 11177. *Ringna*. Veraval, Kathiawar. Feb. 6.
- 183085 to 183087. *SORGHUM VULGARE* Pers. Poaceae.  
 183085. No. 11094. *Juar*. Junagadh, Kathiawar. Jan. 31.  
 183086. No. 11151. Veraval, Kathiawar. Feb. 6.  
 183087. No. 11423. *Vani*. Surat Cotton Breeding Station, Surat, Bombay.  
 Feb. 25. Compact heads in milk stage roasted as green corn. Stalks  
 sweet.
183088. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. **Catjang.**  
 No. 11350. *Chaula*. Broach, Bombay. Feb. 22.
- 183089 to 183091. *VIGNA SINENSIS* (Torner) Savi. **Cowpea.**  
 183089. No. 11157. *Chaula*. Veraval, Kathiawar. Feb. 6.  
 183090. No. 11170. *Chaula*. Junagadh, Kathiawar. Feb. 7.  
 183091. No. 11317. *Chawra*. Bhuj, Cutch. Feb. 22. Rare, large type.  
 Considered superior to common bean as food.

## 183092 to 183104.

From Australia. Seeds presented by William Hartley, Australian Council for  
 Scientific and Industrial Research, Canberra. Received June 21, 1949.

183092. *LATHYRUS OCHRUS* (L.) DC. Fabaceae.  
 183093. *LATHYRUS TINGITANUS* L.  
 183094. *VICIA ATROPURPUREA* Desf. Fabaceae. **Vetch.**  
 183095 and 183096. *VICIA SATIVA* L. **Common vetch.**  
 183095. No. 1.  
 183096. No. 2.
183097. *VICIA DISPERMA* DC.  
 183098. *VICIA SATIVA* L.  
 183099 and 183100. *VICIA HIRSUTA* (L.) S. F. Gray.  
 183099. No. 1.  
 183100. No. 2.
- 183101 to 183104. *VICIA SATIVA* L. **Common vetch.**  
 183101. No. 1. 183103. No. 3.  
 183102. No. 2. 183104. *Vicos*.

183105 to 183107. *AVENA SATIVA* L. Poaceae. **Common oats.**

From Kenya. Seeds presented by H. C. Thorpe, Department of Agriculture,  
 Njoro. Received June 21, 1949.

183105. *Achilles*. Originally from New Zealand.  
 183106. *Gray Algerian*. Origin unknown.  
 183107. *Lampton*; (*Abruzzes* × *Victory*) × *Reid*. Originally from Australia.

## 183108 to 183204.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau  
 of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Re-  
 ceived June 21, 1949.

Collected in 1949.

183108. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**  
 No. 11180. *Bhinda*. Veraval, Kathiawar. Feb. 6.

## 183108 to 183204—Continued

183109. *ALLIUM CEPA* L. Liliaceae. Onion.  
No. 11392. *Kauda*. Surat, Bombay. Feb. 24.
183110. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.  
No. 11140. *Singh*. Veraval, Kathiawar. Feb. 5.
183111. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae. Sarson.  
No. 11122. *Sarsi*. Junagadh, Kathiawar. Feb. 1.
183112. *BRASSICA* sp.  
No. 11113. *Rai*. Junagadh, Kathiawar. Feb. 1. Oilseed.
183113. *BRASSICA* sp.  
No. 11129. *Rai*. Sasan, Kathiawar. Feb. 3. Oilseed. Probably irrigated.
183114. *BRASSICA* sp.  
No. 11137. *Rai*. Veraval, Kathiawar. Feb. 5. Oilseed.
183115. *BRASSICA* sp.  
No. 11145. *Rai*. Veraval, Kathiawar.
183116. *BRASSICA* sp.  
No. 11154. *Rai*. Veraval.
183117. *BRASSICA JUNCEA* (L.) COSS. Chinese mustard.  
No. 11189. *Rai*. Jamwala, Kathiawar. Feb. 11.
183118. *BRASSICA* sp.  
No. 11434. *Rai*. Surat, Bombay. Feb. 25.
183119. *CAJANUS CAJAN* (L.) DRUCE. Fabaceae. Pigeonpea.  
No. 11346. *Tuer*. Broach, Bombay. Feb. 22. Plants 4 feet high. Eaten as a vegetable.
- 183120 to 183122. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
183120. No. 11133. *Mircha*. Veraval, Kathiawar. Feb. 5. Fruit 5 by  $\frac{3}{4}$  inches, red; flesh sweet to mild.
183121. No. 11135. *Mircha*. Veraval, Kathiawar. Fruit 4 by  $1\frac{1}{4}$  inches, red; flesh sweet; seeds mildly pungent.
183122. No. 11437. *Mircha*. Surat, Bombay. Feb. 25. Fruit pointed, 1 inch long, red; flesh tender, mild to hot; seeds pungent.
- 183123 to 183126. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.
183123. No. 11084. *Tarbuch*. Sihor, Kathiawar. Jan. 27. Fruit globose, 7 inches in diameter, pea-green vermiculated with darker green; rind  $\frac{1}{2}$  inch thick; flesh rose.
183124. No. 11114. *Tarbuch*. Junagadh, Kathiawar. Feb. 1.
183125. No. 11330. *Tarbuch*. Broach, Bombay. Feb. 22. Fruit globose, 8 inches in diameter.
183126. No. 11344. *Tarbuch*. Broach, Bombay.
183127. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.  
No. 11115. *Kakri*. Junagadh, Kathiawar. Feb. 1.
183128. *CUCUMIS* sp.  
No. 11178. *Siber*. Veraval, Kathiawar. Feb. 6.
183129. *CYAMOPSIS TETRAGONOLOBA* (L.) TAUB. Fabaceae. Guar.  
No. 11097. *Guar*. Junagadh, Kathiawar. Jan. 31.
183130. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
No. 11381. *Gajar*. Surat, Bombay. Feb. 24.

## 183108 to 183204—Continued

183131. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
No. 11130. *Alsi*. Sasan, Kathiawar. Feb. 3. Oilseed.
183132. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
No. 11102. *Bajri*. Junagadh, Kathiawar. Jan. 31. Good fodder.
- 183133 and 183134. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**  
183133. No. 11119. *Mutt*. Junagadh, Kathiawar. Feb. 1.  
183134. No. 11158. *Mutt*. Veraval, Kathiawar. Feb. 6.
- 183135 and 183136. *PHASEOLUS AUREUS* Roxb. **Mung bean.**  
183135. No. 11109. *Mung*. Junagadh, Kathiawar. Jan. 31.  
183136. No. 11150. *Mung*. Veraval, Kathiawar. Feb. 6.
- 183137 and 183138. *PHASEOLUS MUNGO* L. **Urd.**  
183137. No. 11107. *Urud*. Junagadh, Kathiawar. Jan. 31.  
183138. No. 11142. *Urud*. Veraval, Kathiawar. Feb. 5.
183139. *PHASEOLUS VULGARIS* L. **Common bean.**  
No. 11141. *Val*. Veraval, Kathiawar. Feb. 5.
- 183140 to 183142. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
183140. No. 11101. *Watana*. Junagadh, Kathiawar. Jan. 31.  
183141. No. 11167. *Watana*. Veraval, Kathiawar. Feb. 6.  
183142. No. 11138. *Watana*. Bhuj, Cutch. Feb. 20.
183143. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
No. 11118. *Erari*. Junagadh, Kathiawar. Feb. 1. Oilseed.
- 183144 to 183147. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
*Tal*, the local name for sesame.  
183144. No. 11103. Junagadh, Kathiawar. Jan. 31.  
183145. No. 11128. Sasan, Kathiawar. Feb. 3.  
183146. No. 11156. Veraval, Kathiawar. Feb. 6.  
183147. No. 11342. Broach, Bombay. Feb. 22.
- 183148 and 183149. *SORGHUM VULGARE* Pers. Poaceae.  
183148. No. 11112. *Juar*. Junagadh, Kathiawar. Feb. 1.  
183149. No. 11138. *Juar*. Veraval, Kathiawar. Feb. 5. Grain type.
- 183150 to 183162. From the Surat Cotton Breeding Station, Surat, Bombay. Feb. 25.
183150. *GOSSYPIMUM ANOMALUM* Wawra. Malvaceae. **Cotton.**  
No. 11419. Perennial.
- 183151 to 183155. *GOSSYPIMUM ARBOREUM* L.  
183151. No. 11364. Herbaceous. Dhar type.  
183152. No. 11365. *Mollisonii*. Herbaceous.  
183153. No. 11367. *Jubilee*. Originally from Central Provinces.  
183154. No. 11370. (No data.)  
183155. No. 11410. *Jarila*. Originally from Jalgaon.
183156. *GOSSYPIMUM DAVIDSONII* Kellogg.  
No. 11421. Perennial.



## 183108 to 183204—Continued

## 183150 to 183162—Continued

183157 to 183159. *Gossypium herbaceum* L.

183157. No. 11377. Twin-boll mutant.

183158. No. 11406. Lintless mutant.

183159. No. 11411. *Suyog*. Commercial type.183160. *Gossypium neglectum* Todaro.No. 11368. *NR 5*. Khandish.183161. *Gossypium stocksii* Masters.

No. 11418. Plant semidecumbent, perennial. Sind type.

183162. *Gossypium thurberi* Todaro.

No. 11420. Perennial.

183163 to 183204. *Gossypium*.

Cotton.

183163. No. 11088. *Hirman*. Sihor, Kathiawar. Jan. 28. Tree type.183164. No. 10089. *Kapasia*. Sihor, Kathiawar. Herbaceous.183165. No. 11090. *Kapasia*. Sihor. Herbaceous.183166. No. 11104. *Kapasia*. Junagadh, Kathiawar. Jan. 31.183167. No. 11125. *Kapasia*. Sasan, Kathiawar. Feb. 3. Plant found in nearby forest, 18 inches high.183168. No. 11148. *Kapasi*. Veraval, Kathiawar. Feb. 5.183169. No. 11174. *Kapasi*. Sasan, Kathiawar. Feb. 7. Single bush 3½ feet high, growing in forest.183170. No. 11185. *Kapasia*. Jamwala, Kathiawar. Feb. 10. Herbaceous, 3 to 3½ feet high.

183171. No. 11201. Jamwala, Kathiawar.

183172. No. 11298. Bhuj, Cutch. Feb. 19. Originally from Karachi.

183173. No. 11321. Bhuj, Cutch. Herbaceous.

183174 to 183178. From the Government Cotton Breeding Station, Broach, Bombay. Feb. 22.

183174. No. 11358. *Vijay BC 1-2*. Herbaceous.

183175. No. 11359. Commercial type.

183176. No. 11360. *BD-8*. Wilt-resistant; parental type of *Vijay*.183177. No. 11361. *Wagotar*. Closed-boll type.

183178. No. 11362.

183179 to 183201. From the Surat Cotton Breeding Station, Surat, Bombay. Feb. 25. Herbaceous.

183179. No. 11363. *Cambodia CO-2*. Originally from Coimbatore.183180. No. 11366. *Persian 211; 1027LF × (1027LF)*.183181. No. 11369. *Cambodia CO-3*.183182. No. 11371. *Hagari*. Originally from Madras.

183183. No. 11372. Lintless mutant.

183184. No. 11373. *Kaliu*. Originally from Baroda.183185. No. 11374. *Jayadar*. Originally from Dharwar. Improved over *Jaywant S7 23-68*.183186. No. 11375. *Cocanadas × 20*. Originally from Madras.183187. No. 11376. *Jaywant*. Originally from Dharwar. Commercial type.

## 183108 to 183204—Continued

## 183163 to 183204—Continued

## 183179 to 183201—Continued

183188. No. 11401. Unknown type.  
 183189. No. 11402. White-flowered mutant.  
 183190. No. 11403. Red-bracted mutant.  
 183191. No. 11404. *Nandyal 14*. Originally from Madras.  
 183192. No. 11405. *Comilla*. Originally from Garo Hills, Assam.  
 183193. No. 11407. Short-lint mutant.  
 183194. No. 11408. Pale-green leaves; mutant of local origin.  
 183195. No. 11409. *1027LF*. Surat commercial type.  
 183196. No. 11412. *Sind NR 27*.  
 183197. No. 11413. Mysore type.  
 183198. No. 11414. *Gaorani 6*. Originally from Hyderabad.  
 183199. No. 11415. *Wagad*. Originally from northern Gujerat. Closed bolls.  
 183200. No. 11416. *Rozi*. Originally from Kaira District north of Baroda. Perennial; plants up to 6 feet high.  
 183201. No. 11417. *Dev. Kapas*. A perennial, commonly seen in Indian yards. Brahmeris cord spun from this; believed by some to be source of Dacca thread.  
 183202. No. 11518. *Rui*. Nawapara, Central Provinces. Mar. 8.  
 183203 and 183204. Bar Nawapara villages about 60 miles north of Raipur, Central Provinces. Mar. 8.  
 183203. No. 11520. *Rui*. Annual.  
 183204. No. 11521. *Rui*.

## 183205 to 183251.

From Egypt. Seeds presented by the Department of Agriculture, Giza. Received June 22, 1949.

183205. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.  
 183206. *ALLIUM CEPA* L. Liliaceae. Onion.  
 183207. *ALLIUM PORRUM* L. Leek.  
 183208 and 183209. *ALLIUM SATIVUM* L. Garlic.  
 183208. No. 1.  
 183209. No. 2.  
 183210. *APIUM GRAVEOLENS* L. Apiaceae. Celery.  
 183211. *BETA VULGARIS* var. *CICLA* L. Chenopodiaceae. Swiss chard.  
 183212 to 183214. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. Cauliflower.  
 183212. No. 1.  
 183213. No. 2.  
 183214. No. 3.  
 183215 and 183216. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.  
 183215. No. 1.  
 183216. No. 2.  
 183217 and 183218. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
 183217. No. 1.  
 183218. No. 2.

## 183205 to 183251—Continued

183219. *CORCHORUS OLITORIUS* L. Tiliaceae. Jute.
- 183220 to 183229. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
183220. No. 1. 183225. No. 6.
183221. No. 2. 183226. No. 7.
183222. No. 3. 183227. No. 8.
183223. No. 4. 183228. No. 9.
183224. No. 5. 183229. No. 10.
183230. *CUCUMIS MELO* var. *FLEXUOSUS* (L.) Naud.
183231. *CUCUMIS SATIVUS* L. Cucumber.
183232. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.
183233. *ERUCA SATIVA* Mill. Brassicaceae. Rocket-salad.
183234. *LACTUCA SATIVA* L. Asteraceae. Lettuce.
183235. *MALVA PARVIFLORA* L. Malvaceae.
193236. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.
183237. *PHASEOLUS ACUTIFOLIUS* var. *LATIFOLIUS* G. F. Freeman. Fabaceae. Tepary bean.
- 183238 to 183240. *PHASEOLUS VULGARIS* L. Common bean.
183238. No. 1.
183239. No. 2.
183240. No. 3.
183241. *PORTULACA OLERACEA* L. Portulacaceae. Purslane.
182242. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
183243. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.
- 183244 to 183248. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.
183244. No. 1. 183247. No. 4.
183245. No. 2. 183248. No. 5.
183246. No. 3.
183249. *VICIA FABA* L. Fabaceae. Broadbean.
- 183250 and 183251. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.
183250. No. 1.
182251. No. 2.

## 183252 to 183269.

From Saudi Arabia. Seeds presented by Ken Edwards, Al Kharj. Received June 22, 1949.

183252. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.
183253. *CORCHORUS CAPSULARIS* L. Tiliaceae. Jute.
- 183254 to 183257. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
183254. No. 1. 183256. No. 3.
183255. No. 2. 183257. No. 4.
183258. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. Cushaw.
- No. 1.
183259. *CUCURBITA MAXIMA* Duchesne. Squash.
- No. 2.
183260. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.

**183252 to 183269—Continued**183261 to 183263. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

183261. No. 1.

183262. No. 2.

183263. No. 3.

183264. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

183265. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

183266. *PORTULACA OLERACEA* L. Portulacaceae.

Purslane.

183267. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

183268 and 183269. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

183268. No. 1.

183269. No. 2.

**183270 to 183272.**

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received June 23, 1949.

183270 and 183271. *HIBISCUS CANNABINUS* L. Malvaceae.

Kenaf.

183270. No. 1.

183271. No. 2.

183272. *HIBISCUS DIVERSIFOLIA* Jacq.

Rosemallow.

**183273 to 183278. PHORMIUM spp. Liliaceae.**

From New Zealand. Seeds presented by the Department of Agriculture, Wellington. Received June 23, 1949.

183273 to 183276. *PHORMIUM TENAX* Forst.

New Zealand flax.

183273. No. 311.

183275. No. 56.

183274. *SS* (3rd generation, selfed.) 183276. No. 301.183277. *PHORMIUM*.*P. tenax* 273  $\times$  *colensoi*.183278. *PHORMIUM TENAX* Forst.*SS*.**183279. TELFAIRIA PEDATA (J. E. Smith) Hook. Cucurbitaceae.**

From the Gold Coast. Seeds presented by the Department of Agriculture, Accra. Received June 24, 1949.

**183280 to 183282. ELAEIS GUINEENSIS Jacq. Phoenicaceae.**

African oil palm.

From Nigeria. Seeds obtained through the Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received June 24, 1949.

183280. *H*  $\times$  *H*.183281. *H*  $\times$  *P*.183282. *H*  $\times$  *S*.**183283 and 183284. GOSSYPIUM spp. Malvaceae.**

Cotton.

From Puerto Rico and Australia. Seeds obtained through the Division of Cotton and Other Fiber Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 24, 1949.

183283. *GOSSYPIUM KLOTZSCHIANUM* Anderss. Puerto Rico.183284. *GOSSYPIUM ROBINSONII* F. Muell. Australia.

## 183285 to 183368.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 27, 1949.

Collected in 1949.

183285 to 183287. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. **Okra.**

183285. No. 11219. *Bhinda*. Jamnagar, Kathiawar. Feb. 18. Plants 6 feet high.

183286. No. 11528. *Bhinda*. Barmakot, Bastar State. Mar. 19.

183287. No. 11587. *Bhinda*. Korber, Bastar State. Mar. 25.

183288. *ALLIUM CEPA* L. Liliaceae. **Onion.**

No. 11391. *Kanda*. Surat, Bombay. Feb. 24. Flat red type.

183289 and 183290. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

183289. No. 11200. *Mindura*. Jamwala, Kathiawar. Feb. 13.

183290. No. 11443. *Mungpari*. Surat, Bombay. Feb. 24.

183291. *ASPARAGUS OFFICINALIS* L. Liliaceae. **Asparagus.**

No. 11202. Jamwala, Kathiawar. Feb. 13.

183292. *BRASSICA* sp. Brassicaceae.

No. 11505. *Sarson*. Bahua, Central Provinces. Mar. 8.

183293. *BRASSICA* sp.

No. 11508. *Sarson*. Nawapara, Central Provinces. Mar. 8.

183294 and 183295. *CAJANUS CAJAN* (L.) Druce. Fabaceae. **Pigeonpea.**

183294. No. 11485. *Rahar*. Raipur, Central Provinces. Mar. 5.

183295. No. 11580. *Kandul*. Korber, Bastar State. Mar. 24.

183296. *CANAVALIA* sp. Fabaceae.

No. 11291. Jamwala, Kathiawar. Feb. 11. Wild bean hanging in jungle tree.

183297. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

No. 11503. *Mirch*. Raipur, Central Provinces. Mar. 6. Fruit red, pointed,  $\frac{3}{4}$  by  $1\frac{1}{2}$  inches, hot.

183298. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**

No. 11531. *Chauna*. Barmakot, Bastar State. Mar. 19.

183299 and 183300. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

183299. No. 11523. *Tarbuza*. Raipur, Central Provinces. Mar. 10. Fruit globose, 8 inches in diameter, green splashed with darker green.

183300. No. 11541. *Rakri Kumri*. Barmakot, Bastar State. Mar. 19.

183301 to 183307. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

183301. No. 10968. *Chibra*. Rajkot, Kathiawar. Jan. 21. Fruit globose, green, heavily netted; flesh orange-salmon.

183302. No. 11207. *Teti*. Visavadar, Kathiawar. Feb. 15. Fruit globose, 6 inches in diameter, naveled, heavily netted, lemon; flesh green and salmon marbled.

183303. No. 11208. *Teti*. Visavadar, Kathiawar. Fruit ellipsoid, 8 inches in diameter, yellowish blotched with green-brown; flesh green-tinted.

183304. No. 11211. *Teti*. Visavadar, Kathiawar. Fruit flattened, 5 by 4 inches, naveled, netted, lemon marbled with green; flesh salmon.

183305. No. 11212. *Teti*. Visavadar, Kathiawar. Fruit flattened, 6 by 4 inches, heavily netted, green-lemon; flesh green-tinted.

## 183285 to 183368—Continued

## 183301 to 183307—Continued

183306. No. 11213. *Teti*. Visavadar, Kathiawar. Fruit ovoid, 6 inches in diameter, large navel, heavily netted, lemon marbled with orange; flesh green.

183307. No. 11502. *Phut*. Raipur, Central Provinces. Mar. 6. Fruit elongate pyriform, 8 inches in diameter, smooth, dull-lemon with traces of dark blotches; flesh pale-salmon, mealy, edible. Seed cavity solid.

182308. *CUCUMIS SATIVUS* L.

Cucumber.

No. 11538. *Kakri*. Barmakot, Bastar State. Mar. 19. Fruit 12 to 15 inches long, cylindrical.

183309. *CUCUMIS* sp.

No. 11196. Jamwala, Kathiawar. Feb. 12. Found in forest. Fruit globose, pale-yellow, 2 inches in length, bitter.

183310. *CUCUMIS* sp.

No. 11199. Jamwala, Kathiawar. Feb. 13. Found along field borders; semi-xerophyte. Fruit globose, 1½ inches in diameter, yellowish with green-brown with broken stripes; flesh sour.

183311. *CUCUMIS* sp.

No. 11204. Jamwala, Kathiawar. Feb. 13. Wild in field. Fruit elongate, 2½ inches long, yellowish to brownish with broken stripes of green, edible.

183312. *CUCUMIS* sp.

No. 11574. Barmakot, Bastar State. Mar. 20. Fruit subglobose, yellow, 2½ inches long, conspicuous black spines; flesh bitter.

183313. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 11567. *Kumra*. Barmakot, Bastar State. Mar. 20.

183314. *CUCURBITA PEPO* L.

Pumpkin.

No. 10976. *Sakatatti*. Rajkot, Kathiawar. Jan. 21. Fruit flattened, 7 by 4 inches, weakly and widely ribbed, orange-red with broken band of white in ribs; flesh orange, insipid.

183315. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.

Guar.

No. 11222. *Guar*. Jamnagar, Kathiawar. Feb. 18.

183316. *DOLICHOS BIFLORUS* L. Fabaceae.

No. 11511. *Erua*. Nawapara, Central Provinces. Mar. 8.

183317 to 183319. *DOLICHOS LABLAB* L.

Hyacinth-bean.

182317. No. 11181. *Valeri*. Veraval, Kathiawar. Feb. 6.

183318. No. 11386-A. *Val*. Surat, Bombay. Feb. 24.

183319. No. 11537. *Serni*. Barmakot, Bastar State. Mar. 19.

183320. *HIBISCUS* sp. Malvaceae.

No. 11197. Jamwala, Kathiawar. Feb. 13.

183321. *LEPIDIUM SATIVUM* L. Brassicaceae.

Garden cress.

No. 11435. *Asalia*. Surat, Bombay. Feb. 25. Oil used medicinally.

183322 and 183323. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

183322. No. 11163. *Alsi*. Veraval, Kathiawar. Feb. 6.

183323. No. 11492. *Alsi*. Raipur, Central Provinces. Mar. 5.

183324. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. Singkwa towelgourd.

No. 11530. *Taria*. Barmakot, Bastar State. Mar. 19.

183325. *LUFFA AEGYPTIACA* Mill.

Suakwa towelgourd.

No. 11566. *Durka*. Barmakot, Bastar State. Mar. 20.

## 183285 to 183368—Continued

- 183326 and 183327. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 183326. No. 11474. *Tomatter.* Surat, Bombay. Mar. 1. Fruit flattened, smooth, 3½ inches in diameter, red.  
 183327. No. 11514. Nawapara, Central Provinces. March 8. Fruit red, flattened, 4 inches in diameter, rather rough.
- 183328 and 183329. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
 183328. No. 11165. *Gadab.* Veraval, Kathiawar. Feb. 6.  
 183329. No. 11394. *Rajako.* Surat, Bombay. Feb. 24.
183330. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 11486. *Kohinji.* Raipur, Central Provinces. Mar. 5. Used as spice, and oil used medicinally.
183331. *ORYZA SATIVA* L. Poaceae. **Rice.**  
 No. 11532. *Chirinatti.* Barmakot, Bastar State. Mar. 19.
183332. *ECHINOCHLOA CRUSGALLI* var. *FRUMENTACEA* (Roxb.) W. F. Wight. Poaceae.  
 No. 11539. *Sawa.* Barmakot, Bastar State. Mar. 19.
183333. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**  
 No. 11152. *Bajri.* Veraval, Kathiawar. Feb. 6.
- 183334 to 183336. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
 183334. No. 11221. *Watana.* Jamnagar, Kathiawar. Feb. 18.  
 183335. No. 11227. *Watana.* Jamnagar, Kathiawar.  
 183336. No. 11544. *Matra.* Barmakot, Bastar State. Mar. 20.
- 183337 and 183338. *PHASEOLUS AUREUS* ROXB. Fabaceae. **Mung bean.**  
 183337. No. 11143. *Mung.* Veraval, Kathiawar. Feb. 5.  
 183338. No. 11446. *Maog.* Surat, Bombay. Feb. 25.
183339. *PHASEOLUS MUNGO* L. **Urd.**  
 No. 11555. *Urid.* Barmakot, Bastar State. Mar. 20.
183340. *PHASEOLUS RADIATUS* L.  
 No. 11338. *Mung.* Broach, Bombay. Feb. 22.
183341. *PHASEOLUS* sp.  
 No. 11483. Raipur, Central Provinces. Mar. 5.
183342. *PHASEOLUS* sp.  
 No. 11510. Nawapara, Central Provinces. Mar. 8.
183343. *PHASEOLUS VULGARIS* L. **Common bean.**  
 No. 11546. Barmakot, Bastar State. Mar. 20.
183344. *PSORALEA* sp. Fabaceae.  
 No. 11175. Sasan, Kathiawar. Feb. 7. Oil of seed used as treatment of leucoderma.
183345. *RANDIA* sp. Rubiaceae.  
 No. 11216. *Mendhol.* Jamwala, Kathiawar. Feb. 15. Fruit used as fish poison. In the Central Provinces the tender fruits are eaten as a vegetable.
- 183346 to 183348. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
 183346. No. 11172. *Erari.* Sasan, Kathiawar. Feb. 7. Pods smooth.  
 183347. No. 11450. *Divela.* Surat, Bombay. Feb. 26.  
 183348. No. 11540. *Jara.* Barmakot, Bastar State. Mar. 19.
183349. *RUBUS* sp. Rosaceae.  
 No. 11459. Sarahan, Rampur-Busbahr. Mar. 1. Altitude 8,000 feet.

## 183285 to 183368—Continued

183350. *RUBUS* sp.

No. 11460. Rampur, Simla Hill States. Mar. 1. Altitude 8,000 feet.

183351. *RUBUS* sp.

No. 11463. Soldang, Rampur-Busbahr, Simla Hill States. Mar. 1. Altitude 7,000 feet.

183352 to 183355. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

183352. No. 11431. *Tal.* Surat, Bombay. Feb. 25.183353. No. 11522. *Til.* Nawapara, Central Provinces. Mar. 8.183354. No. 11568. *Tili.* Barmakot, Bastar State. Mar. 20.183355. No. 11583. *Tili.* Korber, Bastar State. Mar. 24.183356. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 11515. *Bengan.* Nawapara, Central Provinces. Mar. 8. Fruit ovoid, 5 inches in diameter, green.183357. *SOLANUM* sp.

No. 11195. Jamwala, Kathiawar. Feb. 12. Plant 2½ feet high, very bushy, semi-xerophytic; laden with globose yellow fruits 2 inches in diameter.

183358. *SORGHUM* sp. Poaceae.

No. 11203. Jamwala, Kathiawar. Feb. 13. Plants up to 6 feet high in dry gulches.

183359. *STIZOLOBIUM* sp. Fabaceae.

Velvetbean.

No. 11548. *Tobin.* Barmakot, Bastar State. Mar. 20.183360 to 183366. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

183360. No. 11349. *Chaura.* Broach, Bombay. Feb. 22.183361. No. 11480. *Chaula.* Raipur, Central Provinces. Mar. 5.183362. No. 11497. *Chaula.* Raipur.183363. No. 11533. *Jurunga.* Barmakot, Bastar State. Mar. 19.183364. No. 11563. *Jurunga.* Barmakot.183365. No. 11564. *Jurunga.* Barmakot.183366. No. 11577. *Jurunga.* Korber, Bastar State. Mar. 24.183367 to 183368. *ZEA MAYS* L. Poaceae.

Corn.

183367. No. 11543. *Jondra.* Barmakot, Bastar State. Mar. 19.183368. No. 11581. *Jondra.* Korber, Bastar State. Mar. 24.

## 183369 to 183386.

From Japan. Seeds obtained through the Natural Resources Section, SCAP, APO 500, San Francisco, Calif. Received June 27, 1949.

183369 to 183378. *HORDEUM VULGARE* L. Poaceae.

Barley.

183369. *Aizu* No. 2.183374. *Aizu* No. 7.183370. *Aizu Hadaka* No. 3.183375. *Iwate Main Surely* No. 2.183371. *Aizu* No. 4.183376. *Nagaoka.*183372. *Aizu* No. 5.183377. *Omugi Shin* No. 1.183373. *Aizu* No. 6.183378. *Shiromugi.*183379 to 183386. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

183379. *Norin* No. 17.183383. *Norin* No. 25.183380. *Norin* No. 10.183384. *Norin* No. 27.183381. *Norin* No. 15.183385. *Norin* No. 39.183382. *Norin* No. 24.183386. *Norin* No. 40.



## 183387 to 183434.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 28, 1949.

Collected in 1949.

183387 to 183389. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

183387. No. 11093. *Singh*. Junagadh, Kathiawar. Jan. 31.

183388. No. 11218. *Singh*. Jamnagar, Kathiawar. Feb. 18.

183389. No. 11444. *Mugfari*. Surat, Bombay. Feb. 25.

183390 and 183391. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae. **Sarson.**

183390. No. 11155. *Sarsi*. Veraval, Kathiawar. Feb. 6.

183391. No. 11525. Narainpur, Bastar State. Mar. 19.

183392. *BRASSICA OLERACEA* var. *BOTRYTIS* L. **Cauliflower.**

No. 11228. Jamnagar, Kathiawar. Feb. 18. Early type.

183393. *BRASSICA* sp.

No. 11191. *Raira*. Jamwala, Kathiawar. Feb. 12. Drought-tolerant.

183394. *BRASSICA* sp.

No. 11280. *Sarsi*. Jamnagar, Kathiawar. Feb. 19.

183395. *BRASSICA CAMPESTRIS* L.

No. 11559. *Sarsum*. Barmakot, Bastar State. Mar. 20.

183396. *BRASSICA* sp.

No. 11585. *Sarsum*. Korber, Bastar State. Mar. 25.

183397. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

No. 11214. *Teti*. Visavadar, Kathiawar. Feb. 15. Fruit cydoniform, 6 inches in diameter, navelled, nearly smooth, green blotched and striped with orange; flesh green-tinged.

183398 and 183399. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

183398. No. 11223. *Tarbuch*. Jamnagar, Kathiawar. Feb. 18.

183399. No. 11579. *Lakri Kumda*. Korber, Bastar State. Mar. 24.

183400. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**

No. 11397. Surat, Bombay. Feb. 24.

183401. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**

No. 11147. *Gajar*. Veraval, Kathiawar. Feb. 5. Brownish red.

183402 and 183403. *DOLICHOS BIFLORUS* L. Fabaceae.

183402. No. 11550. *Kulti*. Barmakot, Bastar State. Mar. 20.

183403. No. 11551. *Kulti*. Barmakot, Bastar State. Mar. 20.

183404. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**

No. 11261. *Gadab*. Jamnagar, Kathiawar. Feb. 19.

183405. *MOMORDICA CHARANTIA* L. Cucurbitaceae. **Balsam-pear.**

No. 11160. *Karela*. Veraval, Kathiawar. Feb. 6.

183406. *PAPAVR SOMNIFERUM* L. Papaveraceae. **Opium poppy.**

No. 11110. *Kashkash*. Junagadh, Kathiawar. Jan. 31.

## 183387 to 183434—Continued

- 183407 to 183409. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.  
 183407. No. 11120. Junagadh, Kathiawar. Feb. 1.  
 183408. No. 11494. Raipur, Central Provinces. Mar. 5.  
 183409. No. 11557. Barmakot, Bastar State. Mar. 20.
183410. *PHASEOLUS MUNGO* L. Urd.  
 No. 11253. Jamnagar, Kathiawar. Feb. 19.
- 183411 and 183412. *PHASEOLUS VULGARIS* L. Common bean.  
 183411. No. 11121. *Val.* Junagadh, Kathiawar. Feb. 1.  
 183412. No. 11549. Barmakot, Bastar State. Mar. 20.
- 183413 and 183414. *PISUM SATIVUM* L. Fabaceae. Pea.  
 183413. No. 11256. *Watana.* Jamnagar, Kathiawar. Feb. 19.  
 183414. No. 11506. *Matar.* Nawapara, Central Provinces. Mar. 8.
183415. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
 No. 11399. *Mula.* Surat, Bombay. Feb. 24.
183416. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 No. 11390. *Divela.* Surat, Bombay. Feb. 24.
- 183417 to 183421. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 183417. No. 11108. *Tal.* Junagadh, Kathiawar. Jan. 31.  
 183418. No. 11183. Sarwan, Kathiawar. Feb. 9.  
 183419. No. 11281. Jamnagar, Kathiawar. Feb. 19.  
 183420. No. 11430. Surat, Bombay. Feb. 25.  
 183421. No. 11570. *Tili.* Barmakot, Bastar State. Mar. 20.
- 183422 and 183423. *SORGHUM VULGARE* Pers. Poaceae.  
 183422. No. 11263. *Juar.* Jamnagar, Kathiawar. Feb. 19.  
 183423. No. 11311. Bhuj, Cutch. Feb. 20.
183424. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
 No. 11379. *Polak.* Surat, Bombay. Feb. 23.
183425. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
 No. 11257. *Mehti.* Jamnagar, Kathiawar. Feb. 19. Used as potherb and for forage.
- 183426 and 183427. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
 183426. No. 11476. *Chaula.* Raipur, Central Provinces. Mar. 5.  
 183427. No. 11565. *Jurunga.* Barmakot, Bastar State. Mar. 20.
- 183428 to 183434. *GOSSYPIUM.* Malvaceae. Cotton.  
 183428. No. 11182. *Kapasias.* Sarwan, Kathiawar. Feb. 9. Herbaceous.  
 183429. No. 11184. *Kapasias.* Jamwala, Kathiawar. Feb. 10. Plants 2½ feet high, herbaceous.  
 183430. No. 11198. Jamwala, Kathiawar. Feb. 10. Plants 3½ feet high, exceptionally well branched and prolific.  
 183431. No. 11448. Surat, Bombay. Feb. 25. Plants herbaceous, 5 feet high; flowers yellow with basal spot on petals.  
 183432. No. 11487. *Rui.* Raipur, Central Provinces. Mar. 5. Annual.  
 183433. No. 11517. *Deokapas.* Nawapara, Central Provinces. Mar. 8. The common perennial type of India; 3 feet high.  
 183434. No. 11529. *Rui.* Barmakot, Bastar State. Mar. 19. Annual.

## 183435 to 183483.

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 30, 1949.

Collected in 1949.

183435 and 183436. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

183435. No. 11475. *Mungpali*. Raipur, Central Provinces. Mar. 5.

183436. No. 11484. Raipur, Central Provinces. Mar. 5.

183437. *BRASSICA* sp. Brassicaceae.

No. 11224. *Rai*. Jamnagar, Kathiawar. Feb. 18.

183438. *BRASSICA* sp.

No. 11501. *Rai*. Raipur, Central Provinces. Mar. 6. Oilseed.

183439 to 183441. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

183439. No. 11436. *Mircha*. Surat, Bombay. Feb. 25. Fruit 2 inches long, red, pointed; flesh mild; seeds hot.

183440. No. 11452. *Mircha*. Surat, Bombay. Fruit pointed, 1 inch long, red, very pungent; bushy plant 3 feet high.

183441. No. 11504. *Mirch*. Raipur, Central Provinces. Mar. 6. Fruit red, 3 by  $\frac{1}{2}$  inches, hot.

183442 and 183443. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

183442. No. 10969. *Chibra*. Rajkot, Kathiawar. Jan. 21. Fruit elongate, 8 by  $4\frac{1}{2}$  inches, green, heavily netted; flesh white, insipid.

183443. No. 11251. *Teti*. Jamnagar, Kathiawar. Feb. 19. Fruit globose, 9 inches in diameter, green, heavily netted; flesh cream.

183444 and 183445. *CUCUMIS SATIVUS* L. **Cucumber.**

183444. No. 11239. Jamnagar, Kathiawar. Feb. 19.

183445. No. 11582. *Kakri*. Korber, Bastar State. Mar. 24. Fruit 18 inches long and 6 inches in diameter.

183446 and 183447. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**

183446. No. 11535. *Kumara*. Barmakot, Bastar State. Mar. 19.

183447. No. 11589. *Kumda*. Korber, Bastar State.

183448. *CROTALARIA JUNCEA* L. Fabaceae. **Sunn-hemp.**

No. 11445. *Shann*. Surat, Bombay. Feb. 25.

183449. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**

No. 11343. Broach, Bombay. Feb. 22.

183450. *CAJANUS CAJAN* (L.) Druce. Fabaceae. **Pigeonpea.**

No. 11512. *Arhar*. Nawapara, Central Provinces. Mar. 8.

183451 and 183452. *DOLICHOS LABLAB* L. Fabaceae. **Hyacinth-bean.**

183451. No. 11337. *Val*. Broach, Bombay. Feb. 22.

183452. No. 11536. *Semi*. Barmakot, Bastar State. Mar. 19.

183453. *ORYZA SATIVA* L. Poaceae. **Rice.**

No. 11586. *Dhan*. Korber, Bastar State. Mar. 25.

183454. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**

No. 11492. *Kashkash*. Raipur, Central Provinces. Mar. 5.

183455. *PENNISSETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**

No. 11477. *Bajra*. Raipur, Central Provinces.

## 183435 to 183483—Continued

183456 and 183457. *PHASEOLUS ACONITIFOLIUS* Jacq. Fabaceae. **Moth bean.**

183456. No. 11225. *Mutt.* Jamnagar, Kathiawar. Feb. 18.

183457. No. 11479. *Mot.* Raipur, Central Provinces.

183458 to 183461. *PHASEOLUS AUREUS* Roxb. **Mung bean.**

183458. No. 11258. Jamnagar, Kathiawar. Feb. 19.

183459. No. 11294. Bhuj, Cutch. Feb. 19.

183460. No. 11380. Surat, Bombay. Feb. 24.

183461. No. 11482. *Mat-ha.* Raipur, Central Provinces. Mar. 5.

183462. *PHASEOLUS MUNGO* L. **Urd.**

No. 11447. Surat, Bombay. Feb. 25.

183463 to 183465. *PHASEOLUS VULGARIS* L. **Common bean.**

183463. No. 11545. Barmakot, Bastar State. Mar. 20.

183464. No. 11547. Barmakot.

183465. No. 11396. Surat, Bombay. Feb. 24.

183466 and 183467. *PISUM SATIVUM* L. Fabaceae. **Pea.**

183466. No. 11478. *Matar.* Raipur, Central Provinces. Mar. 5.

183467. No. 11488. *Matar.* Raipur.

183468 to 183471. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**

183468. No. 11186. *Erari.* Jamwala, Kathiawar. Feb. 10. Plant 5 to 6 feet high, red-stalked.

183469. No. 11232. *Erari.* Jamnagar, Kathiawar. Feb. 19.

183470. No. 11516. *Andi.* Nawapara, Central Provinces. Mar. 8. Plant 8 feet high.

183471. No. 11554. *Jara.* Barmakot Bastar State. Mar. 20.

183472 to 183475. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

183472. No. 11282. *Tal.* Jamnagar, Kathiawar. Feb. 19.

183473. No. 11310. Bhuj, Cutch. Feb. 20.

183474. No. 11385. *Tal.* Surat, Bombay. Feb. 24.

183475. No. 11490. *Til.* Raipur, Central Provinces. Mar. 5.

183476. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**

No. 11265. *Ringua.* Jamnagar, Kathiawar. Feb. 19. Long thin purple type.

183477 and 183478. *SORGHUM VULGARE* Pers. Poaceae.

183477. No. 11301. *Juar.* Bhuj, Cutch. Feb. 19.

183478. No. 11496. *Juar.* Raipur, Central Provinces. Mar. 5.

183479. *STIZOLOBIUM* sp. Fabaceae. **Velvetbean.**

No. 11578. *Dhok.* Korber, Bastar State. Mar. 24.

183480 to 183483. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**

183480. No. 11220. *Chaula.* Jamnagar, Kathiawar. Feb. 18.

183481. No. 11351. *Chaula.* Broach, Bombay. Feb. 22.

183482. No. 11385-A. *Chaula.* Surat, Bombay. Feb. 24.

183483. No. 11562. *Bonara.* Barmakot, Bastar State. Mar. 20.

183484. *CERATONIA SILIQUA* L. Fabaceae. **Carob.**

From Italy. Seeds obtained through the Soil Conservation Service, United States Department of Agriculture, Washington, D. C. Received July 1, 1949.

**183485. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.**

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received July 1, 1949.

**183486 to 183491. COFFEA. Rubiaceae. Coffee.**

From Java. Seeds presented by the Cultuurtechnesch Instituut, Batavia. Received July 1, 1949.

183486. *Conuga*. 2-14.

183489. *Congensis Challotii*.

183487. *Conuga Bangelan* 2-03.

183490. *Congensis* × *Uganda* 2.15.

183488. *Congensis Challotii* 3.

183491. *Uganda* × *Congensis* 2-08.

**183492 and 183493. ZEA MAYS L. Poaceae. Corn.**

From Ceylon. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 1, 1949.

183492. No. 1.

183493. No. 2.

**183494. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Canada. Tubers presented by W. A. Faulkner, Lytton, British Columbia. Received July 5, 1949.

**183495. RUBUS GLAUCUS Benth. Rosaceae. Andes raspberry.**

From Guatemala. Plants presented by Raymond Garland, Guatemala City. Received July 5, 1949.

**183496 to 183501.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 5, 1949.

Collected in 1949.

183496. *GUIZOTIA ABYSSINICA* (L. f.) Cass. Asteraceae.

No. 11571. *Parbod*. Barmakot, Bastar State. Mar. 20. A small plant about 18 inches high, yielding culinary oil.

183497. *HIBISCUS SABDARIFFA* L. Malvaceae.

Roselle.

No. 11561. *Dirra*. Barmakot, Bastar State.

183498. *LATHYRUS SATIVUS* L. Fabaceae.

Bittervetch.

No. 11481. *Turi*. Raipur, Central Provinces. Mar. 5.

183499. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

No. 11553. *Gondai*. Barmakot, Bastar State. Mar. 20. Heads 12 inches long.

183500 and 183501. *PHASEOLUS MUNGO* L. Fabaceae.

Urd.

183500. No. 11527. *Urud*. Barmakot, Bastar State.

183501. No. 11584. Korber, Bastar State. Mar. 25.

**183502. SECALE AFRICANUM Stapf. Poaceae.**

From the Union of South Africa. Seeds presented by an unknown donor, Pretoria, Transvaal. Received July 6, 1949.

**183503 to 183550.**

From India and Nepal. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 6, 1949.

Collected in 1949. From India unless otherwise indicated.

## 183503 to 183550—Continued

183503. *AVENA SATIVA* L. Poaceae.

Common oats.

No. 11153. Veraval, Kathiawar. Feb. 6.

183504 and 183505. *HORDEUM DISTICHON* L. Poaceae.

Barley.

183504. No. 11127. *Jao*. Sasan, Kathiawar. Feb. 3. Spring type.183505. No. 11144. *Jao*. Veraval, Kathiawar. Feb. 5.183506 to 183513. *HORDEUM VULGARE* L.183506. No. 11320. *Jao*. Bhuj, Cutch. Feb. 20. Spring type.

183507. No. 11453. Katmandu, Nepal. Mar. 1. Winter type.

183508. No. 11454. Katmandu, Nepal. Mar. 1. Winter type.

183509. No. 11456. Katmandu, Nepal. Mar. 1. Winter type.

183510 and 183511. Originally from Chose, Tibet, bordering Rampur-Busbahr. Mar. 1. Spring type.

183510. No. 11472.

183511. No. 11473.

183512. No. 11491. *Jao*. Raipur, Central Provinces. Mar. 5. Spring type.183513. No. 11509. *Jao*. Nawapara, Central Provinces. Mar. 8. Spring type.183514. *SECALE CEREALE* L. Poaceae.

Rye.

No. 11467. Riba, Rampur-Busbahr, Simla Hills. Mar. 1. Winter type.

183515 to 183549. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

183515 to 183518. From Junagadh, Kathiawar. Jan 31. Spring type.

183515. No. 11098. *Katha*. 183517. No. 11100. *Kathia*.183516. No. 11099. *Popartia*. 183518. No. 11117. *Katha*.  
Rust-resistant.183519. No. 11126. *Gaon*. Susan, Kathiawar. Feb. 3. Spring type.

183520 to 183523. From Veraval, Kathiawar. Feb. 5. Spring type.

183520. No. 11136. 183522. No. 11166.

183521. No. 11161. *Katha*. 183523. No. 11168.183524. No. 11176. *Putalia*. Sasan, Kathiawar. Feb. 7. Late type.

183525 to 183528. From Jamwala, Kathiawar. Feb. 11.

183525. No. 11188. Spring type.

183526. No. 11190. *Putalia Gaon*. Rust-resistant.183527. No. 11192. Beardless, heads 3 inches long, tomentose, white.  
This field not affected by rust while neighboring field is total ruin.

183528. No. 11193. Beardless, heads 3½ inches long, smooth, white; a rare type.

183529. No. 11258. Jamnagar, Kathiawar. Feb. 19. Spring type.

183530. No. 11260. Jamnagar, Kathiawar. Feb. 19. Spring type.

183531. No. 11283. Jamnagar, Kathiawar. Feb. 19.

183532. No. 11296. Bhuj, Cutch. Feb. 19. Spring type.

183533. No. 11297. *Gaon*. Bhuj, Cutch. Spring type.

183534. No. 11314. Bhuj, Cutch. Spring type.

183535. No. 11422. *Hansoti*. Surat Cotton Breeding Station, Bombay.  
Feb. 25. Spring type.

**183503 to 183550—Continued****183515 to 183549—Continued**

183536. No. 11451. Surat, Bombay. Feb. 27. Spring type.

183537. No. 11455. Katmandu, Nepal. Mar. 1. Winter type.

183538 to 183544. From Rampur-Busbahr, Simla Hill States. Mar. 1.

183538. No. 11461. Jishkum. Winter type.

183539. No. 11462. Kamru, Tehsil Chini. Winter type.

183540. No. 11464. Jakha, Tahsil Rohru. Winter type.

183541. No. 11465. Riba.

183542. No. 11466. Shildesh, Tehsil Rohru. Winter type.

183543. No. 11468. Gojani. Winter type.

183544. No. 11469. Sangla, Tehsil Chini. Winter type.

183545 and 183546. Chose, Tibet, bordering Rampur-Busbahr. Mar. 1. Spring type.

183545. No. 11470.

183546. No. 11471.

183547. No. 11498. *Gaon*. Raipur, Central Provinces. Mar. 6. Spring type.

183548. No. 11507. *Gehun*. Nawapara, Central Provinces. Mar. 8. Spring type.

183549. No. 11542. *Gehun*. Barmakot, Bastar State. Mar. 19.

183550. *TRITICUM DICOCCUM* Schrank.

Emmer.

No. 11229. *Popartia Gaon*. Jamnagar, Kathiawar. Feb. 18. Spring type.

**183551. CYNODON DACTYLON (L.) Pers. Poaceae. Bermuda grass.**

From Egypt. Seeds presented by John Plant, Gezira Sporting Club, Cairo. Received July 6, 1949.

*Uganda*.

**183552 to 183559.**

From the Union of South Africa. Seeds presented by J. L. Dougherty, Agricultural Attaché, Pretoria, Transvaal. Received July 7 and 12, 1949.

183552. *SANSEVIERIA* sp. Liliaceae.

183553. *PHORMIUM TENAX* Forst. Liliaceae.

New Zealand flax.

183554. *ACRO CERAS MACRUM* Stapf. Poaceae.

183555 and 183556. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.

183555. *Barberspan*.

183556. *Friels Selection*.

183557. *CYNODON DACTYLON* var. *DENSUS* Hurcombe.

*Hall's Selection*.

183558 and 183559. *CYNODON DACTYLON* (L.) Pers.

Bermuda grass.

183558. From the Iscor Golf Course.

183559. *Royal Cape*.

**183560. LYCOPERSICON ESCULENTUM × PIMPINELLIFOLIUM. Solanaceae.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received July 13, 1949.

**183561. SANSEVIERIA sp. Liliaceae.**

From the Union of South Africa. Seeds presented by J. L. Dougherty, Agricultural Attaché, Pretoria, Transvaal. Received July 13, 1949.

**183562 to 183568. LAVANDULA spp. Menthaceae.**

From Denmark. Seeds presented by the Universitetets Botaniske Have, Copenhagen. Received July 13, 1949.

183562. LAVANDULA ABROTANOIDES Lam.

183563. LAVANDULA DENTATA L.

183564. LAVANDULA LANATA Boiss.

183565. LAVANDULA LATIFOLIA DC.

183566. LAVANDULA MAIREI Humbert.

183567. LAVANDULA MULTIFIDA L.

183568. LAVANDULA STOECHAS L.

**183569 and 183570. ATRIPLEX SEMIBACCATA R. Br. Chenopodiaceae.**

From the Union of South Africa. Seeds presented by J. L. Dougherty, Agricultural Attaché, Pretoria, Transvaal. Received July 22, 1949.

183569. No. 1.

183570. No. 2.

**183571 to 183580.**

From Japan. Seeds presented by the Yokohama Nursery Co., Yokohama. Received July 15, 1949.

183571. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**  
*Fuji-Wase.*

183572. BRASSICA RAPA L. **Turnip.**  
*Kiriha.*

183573. BRASSICA sp.  
*Ishikawa.*

183574. BRASSICA sp.  
*Mi-Ike.*

183575 to 183577. CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**

183575. *Fushimi.*

183576. *O-Shishi.*

183577. *Taka-No-Tsume.*

183578. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**  
*Su-Yo.*

183579. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. **Cushaw.**  
*Yugao.*

183580. RAPHANUS SATIVUS L. Brassicaceae. **Radish.**  
*Eichin.*

**183581 to 183583. SANSEVIERIA spp. Liliaceae.**

From Ethiopia. Plants presented by an unknown donor, Addis Ababa. Received July 20, 1949.

183581. SANSEVIERIA THYRSIFLORA Thunb.

183582 and 183583. SANSEVIERIA EHRENBURGII Schweinf.

183582. No. 1.

183583. No. 3.



**183584 to 183589. VITIS VINIFERA L. Vitaceae. European grape.**

From Portugal. Plants presented by Ed. Sá Pereira, Porto. Received Feb. 2, 1949.

Numbered July 21, 1949, at the United States Plant Introduction Garden, Glenn Dale, Md.

183584. Q-4045. *Boal da Figueira*. 183587. Q-4048. *Alicante Vermelho*.

183585. Q-4046. *Bastardo da Madeira*. 183588. Q-4049. *Formosa*.

183586. Q-4047. *Malvasia Fina*. 183589. Q-4050. *Biscal*.

**183590 to 183649.**

From Austria. Seeds presented by the Harrach'sche Güterdirektion, Prugg. Received July 21, 1949.

**183590 to 183599. HORDEUM DISTICHON L. Poaceae. Barley.**

Spring type.

183590. *Angener Frühe*. 183595. *Karolus*.

183591. *Dioszegger 802*. 183596. *Loosdorfer Frühe Zaya*.

183592. *Heine 405*. 183597. *Loosdorfer Vollkorn*.

183593. *Immendorfer Vollkorn* 183598. *Otterbacher*.

(*Elite*.) 183599. *Tschermak's Hanna* × *Kargyn*.

183594. *Isaria*.

**183600 to 183612. AVENA SATIVA L. Poaceae. Common oats.**

183600. *Conad 88*. 183607. *Otterbacher*.

183601. *Edelhofer*. 183608. *Petkuser Flamingsgold*.

183602. *Endreb Weibhafer*. 183609. *Rheina Weibhafer*.

183603. *Flamings Treue*. 183610. *Ritzelhofer*.

883604. *Hirschbacher*. 183611. *Schlagler*.

183605. *Janetzki's Neuzucht*. 183612. *Tschermak's Frukhäfer*.

183606. *Janetzki's Siegeshafer*.

**183613 to 183622. SECALE CEREALE L. Poaceae. Rye.**

183613. *Edelhofer*. 183619. *Otterbacher*.

183614. *Hohenauer*. 183620. *Petkuser Normalstrohroggen*.

183615. *Hefermarkter*. 183621. *Schlagler*.

183616. *Loosdorfer Reformroggen*. 183622. *Tschermak's Verbesserter*

183617. *Marienhofer Melkerroggen*. *Früher Marchfelder*.

183618. *Melker*.

**183623 to 183638. HORDEUM spp. Poaceae. Barley.**

Winter type.

**183623 to 183627. HORDEUM VULGARE L.**

183623. *Beta 6*. 183626. *Conad 395*.

183624. *Beta 13*. 183627. *Engelens Wieland*.

183625. *Beta 14*.

**183628. HORDEUM DISTICHON L.**

*Friedrichswerther Bergwinter*.

**183629 and 183630. HORDEUM VULGARE L.**

183629. *Hatvaner*.

183630. *Immendorfer Harrieth*.

**183590 to 183649—Continued****183623 to 183638—Continued**183631 to 183633. *HORDEUM DISTICHON* L.183631. *Landsorte Von Aspang.*183632. *Landsorte Von Horn.*183633. *Landsorte Von Imst.*183634 to 183637. *HORDEUM VULGARE* L.183634. *Landsorte Von Kabanof.* 183636. *Landsorte Von Stockerau.*183635. *Landsorte Von Ramsau.* 183637. *Mizohegyser.*183638. *HORDEUM DISTICHON* L.*Tschermak's Zweizeilige.*183639 to 183649. *ZEА MAYS* L. Poaceae.**Corn.**183639. *Brucker Gelber Landmas.* 183645. *Pettender Goldflut Pferdezahl.*183640. *Burgenlandischer Silomais.* 183646. *Ranninger Silomais.*183641. *Gelber Vorarlberger.* 183647. *Waldviertler Frühmais.*183642. *Hohenauer Weiber.* 183648. *Weiber Vorarlberger.*183643. *Kematner.* 183649. *Weiber Vorarlberger-Rheintaler.*183644. *Nikelsderfer Pferdezahl.***183650. TRIFOLIUM SUBTERRANEUM** L. Fabaceae.**Subterranean clover.**From Australia. Seeds presented by F. H. Brunning Pty., Ltd., Melbourne.  
Received July 21, 1949.*Bacchus Marsh.***183651 and 183652. AVENA SATIVA** L. Poaceae.**Common oats.**

From Ecuador. Seeds presented by R. W. German, Quito. Received July 22, 1949.

183651. No. 1.

183652. No. 2.

**183653. MEDICAGO SATIVA** L. Fabaceae.**Alfalfa.**

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Canberra. Received July 26, 1949.

*Booborowie.***183654 to 183658.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 26, 1949.

Collected in 1948.

183654. *ANDROPOGON MICRANTHUS* Kunth. Poaceae.

No. 10340. Tehri, Tehri Province.

183655. *LACTUCA* sp. Asteraceae.

No. 11339. A wild species collected in Tehri below 6,000 feet altitude.

183656. *ROSA* sp. Rosaceae.

No. 10151. Bhujeka, Tehri. Oct. 12. Altitude 10,000 feet. Rather thin bush 8 feet high, found in birch forest; thorns weak and very sparse.

183657. *ILEX* sp. Aquifoliaceae.

No. 10301. Above Barsali, Tehri. Oct. 21. Altitude 9,000 feet. Handsome forest tree about 2 feet in diameter, with numerous crimson berries.

**183654 to 183658—Continued**

183658. *COTONEASTER* sp. Malaceae.

No. 10310. Chakrata, Tehri. Oct. 26. Altitude 9,000 feet. A creeping shrub making dense cover over slopes and cliffs. It is covered in the spring with white flowers, followed by abundant crimson fruits.

**183659 to 183815.**

From Turkey. Presented by Prof. Vamik Taysi, Agricultural Institute, Ankara, Ankara Province. Received July 27, 1949.

183659 to 183672. Originally collected by the Director of Agriculture, Maras, Maras Province.

Unless otherwise indicated received as seeds.

183659 and 183660. *ALLIUM CEPA* L. Liliaceae. Onion.

183659. No. 10636.

183660. No. 10644. *Karaca*.

183661. *ALLIUM PORRUM* L. Leek.

No. 10666.

183662. *ALLIUM SATIVUM* L. Garlic.

No. 10669. Bulbs.

183663. *BETA VULGARIS* L. Chenopodiaceae. Beet.

No. 10663. *Kacabas*.

183664. *BRASSICA* sp. Brassicaceae.

No. 10673. *Salgam*.

183665. *BRASSICA* sp.

No. 10676. *Hardal*.

183666 and 183667. *CANNABIS SATIVA* L. Moraceae. Hemp.

183666. No. 10670.

183667. No. 10684.

183668. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

No. 10671.

183669. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.

No. 10679.

183670 to 183672. *CICER ARIETINUM* L. Fabaceae. Chickpea.

183670. No. 10664.

183671. No. 10685.

183672. No. 10690. Seeds dark colored.

183673. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

No. 10739. Director of Agriculture, Trabzon, Trabzon. Originally from village of Kamera, Trabzon.

183674 to 183676. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

183674. No. 10646. Director of Agriculture, Maras. Maras.

183675. No. 10705. Gaziantep, Gaziantep.

183676. No. 10724. Kamera, Trabzon.

183677 to 183685. From Maras, Maras.

183677. *CUCUMIS SATIVUS* L. Cucumber.

No. 10641. *Hiyar*.

## 183659 to 183815—Continued

## 183677 to 183685—Continued

- 183678 and 183679. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.  
 183678. No. 10643. *Adana*.  
 183679. No. 10691. *Tevriz*.  
 183680. *FERULA* sp. Apiaceae.  
 No. 10677.  
 183681. *FOENICULUM VULGARE* Mill. Apiaceae. Fennel.  
 No. 10660. *Mayam*.  
 183682. *Gossypium*. Malvaceae. Cotton.  
 No. 10692. Local type.  
 183683. *Gossypium*. Cotton.  
 No. 10693. *Akala*.  
 183684. *LACTUCA SATIVA* L. Asteraceae. Lettuce.  
 No. 10645.  
 183685. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
 No. 10642.  
 183686 to 183688. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
 183686. No. 10650. Maras, Maras.  
 183687. No. 10709. Askale, Erzurum.  
 183688. No. 10714. Kenahor, Erzurum.  
 183689 to 183691. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
 183689. No. 10637. Maras, Maras.  
 183690. No. 10686. Maras, Maras.  
 183691. No. 10718. Askale, Erzurum.  
 183692 and 183693. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 Mayislar Cotton Testing Farm, Eskisehir, Eskisehir.  
 183692. No. 10706. *Scarlentawen*.  
 183693. No. 10707. *Stokerdale*.  
 183694. *MALUS* sp. Malaceae. Apple.  
 No. 10699. *Kum*. Urgup, Kayseri.  
 183695 and 183696. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.  
 183695. No. 10679. Originally collected by Director of Agriculture in Maras.  
 183696. No. 10700. Bayburt, Gumusane. July 22.  
 183697 to 183702. From Maras, Maras.  
 183697. *NIGELLA SATIVA* L. Ranunculaceae. Black cumin.  
 No. 10667.  
 183698 to 183700. *ORYZA SATIVA* L. Poaceae. Rice.  
 183698. No. 10694. Seeds white.  
 183699. No. 10695. *Devris*.  
 183700. No. 10697.  
 183701. *PAPAVR SOMNIFERUM* L. Papaveraceae. Opium poppy.  
 No. 10688.  
 183702. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
 No. 10639.

## 183659 to 183815—Continued

183703. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.  
No. 10742. Hakari, Hakari.
- 183704 to 183711. *PHASEOLUS VULGARIS* L. Common bean.  
183704 to 183706. From the Director of Agriculture, Maras, Maras.  
183704. No. 10661.  
183705. No. 10662. *Barbunya*.  
183706. No. 10687.  
183707 to 183711. Kamera, Trabzon.  
183707. No. 10721. *Aysekadin*. 183710. No. 10730. *Cubuk*.  
183708. No. 10722. Long slender pods. 183711. No. 10732. *Pupaz*.  
183709. No. 10729. *Cubuk*.
183712. *PIMPINELLA ANISUM* L. Apiaceae. Anise.  
No. 10698. Director of Agriculture, Maras.
- 183713 and 183714. *PISUM SATIVUM* L. Fabaceae. Pea.  
183713. No. 10740. *Kalur*. Village of Ruka, Vakfikebir, Trabzon.  
183714. No. 10741. *Pulk*. Hakari, Hakari.
- 183715 to 183720. From Maras, Maras.  
183715. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.  
No. 10668.  
183716. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
No. 10651.  
183717. *SETARIA ITALICA* (L.) Beauv. Poaceae. Foxtail millet.  
No. 10680. *Kumdari*.  
183718. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.  
No. 10638.  
183719. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
No. 10672.  
183720. *VICIA ERVILIA* (L.) Willd. Fabaceae. Vetch.  
No. 10682.
183721. *VICIA FABA* L. Broadbean.  
No. 10733. Yalikoy, Vakfikebir, Trabzon. Dark-colored type.
- 183722 to 183725. *VICIA SATIVA* L. Common vetch.  
183722. No. 10675. Maras, Maras. Wild type.  
183723. No. 10683. Maras, Maras.  
183724. No. 10707-A. Kenahor, Erzurum. Aug. 19.  
183725. No. 10736. Kirazlik, Vakfikebir, Trabzon.
- 183726 to 183815. *ZEA MAYS* L. Poaceae. Corn.  
183726 to 183729. From Trabzon Province.  
183726. No. 10719. Village of Kamera. Seeds yellow, medium size.  
183727. No. 10726. Kamera. Seeds yellow, medium size.  
183728. No. 10727. Kamera. Seeds yellow, medium size.  
183729. No. 10728. Vakfikebir. Seeds yellow, medium size.

**183659 to 183815—Continued****183726 to 183815—Continued**

183730. No. 10747. Bolge Plant Breeding and Testing Station, Samsun, Samsun. Seeds yellow, small, and hard; Algiers type.
- 183731 to 183735. From Gordes, Manisa.
183731. No. 10748. Boyali. 183734. No. 10751.
183732. No. 10749. Ugoru. 183735. No. 10752.
183733. No. 10750. Yenikoy.
183736. No. 10753. Yenikoy District, Tirebolu, Giresun. Seeds yellow, medium size.
183737. No. 10754. Yenikoy District, Tirebolu, Giresun. Seeds red, medium size.
183738. No. 10755. Berkele, Akhisar, Manisa. Seeds yellow, small.
183739. No. 10756. Badabat, Sivrihisar, Eskisehir. Seeds white, small.
183740. No. 10757. Sivrihisar, Eskisehir. Seeds yellow, medium size.
183741. No. 10758. Bedrettin District, Ivrendi, Balikesir. Seeds white, small.
183742. No. 10759. Bahiwan District, Van. Seeds yellow, small.
183743. No. 10760. Tobakhane District, Taskopru, Kastamonu. Seeds white, small.
183744. No. 10761. Taskopru, Kastamonu. Seeds yellow.
183745. No. 10762. Buldan, Denizli. Seeds yellow.
183746. No. 10763. Karacaviran, Vezirkopru, Samsun. Seeds yellow, large.
183747. No. 10764. Barut Kavuran, Karaman, Konya. Seeds yellow.
183748. No. 10765. Hayrabolu, Tekirdag. Seeds yellow.
183749. No. 10766. Hayrabolu. Seeds yellow and hard.
183750. No. 10767. Karga Ili, Kastamonu. Popcorn. Seeds white.
183751. No. 10768. Karet, Safranbolu, Zonguldak. Seeds yellow, small.
183752. No. 10769. Kepen, Sivrihisar, Eskisehir. Seeds white.
183753. No. 10770. Tarim Ognnetmenligi, Carsamba, Samsun. Seeds red, large.
183754. No. 10771. Tarim Ognnetmenligi, Carsamba. Seeds yellow.
183755. No. 10772. Saray, Denizli. Seeds yellow.
183756. No. 10773. Kozan, Seyhan. Seeds white, small.
183757. No. 10774. Mersin, Icel. Seeds yellow.
183758. No. 10775. Cide, Kastamonu. Seeds yellow.
183759. No. 10776. Okse, Samsun. Seeds yellow.
183760. No. 10777. Musta, Samsun. Seeds yellow.
183761. No. 10778. Sabuncular, Cayeli, Rize. Seeds red, large.
183762. No. 10779. Corapcilar District, Rize. Seeds yellow, large.
183763. No. 10780. Caferli, Besikduzu-Vakfikebir, Trabzon. Seeds red.
183764. No. 10781. Kilic, Kesan, Edirne. Seeds white, small.
183765. No. 10782. Gelibolu, Marmaris, Mugla. Seeds yellow.
183766. No. 10783. Cine, Burdur. Seeds yellow.
183767. No. 10784. Sarkoy, Tekirdag. Seeds white, small.
183768. No. 10785. Derekoy, Akhisar, Manisa. Seeds yellow.

## 183659 to 183815—Continued

## 183726 to 183815—Continued

183769. No. 10786. **Kirazli**, Guneyce Ikizdere, Rize. Seeds yellow, large.  
183770. No. 10787. **Edirne**. Seeds red, small.  
183771. No. 10788. **Edirne**. Seeds black, small.  
183772. No. 10789. **Kasikci**, Bergama, Izmir. Seeds yellow, large.  
183773. No. 10790. **Sabuncular**, Cayeli, Rize. Seeds black.  
183774. No. 10791. **Fethiye**, Mugla. Seeds white, large.  
183775. No. 10792. Plant Improvement Station, Adapazari, **Kocaeli**. Seeds yellow.  
183776. No. 10793. **Mahmudiye**, Ezine, Canakkale. Seeds yellow.  
183777. No. 10794. **Ipsala**, Edirne. Seeds yellow.  
183778. No. 10795. **Cinge**, Soma, Manisa. Seeds yellow.  
183779. No. 10796. **Yasticali**, Kozan, Seyhan. Seeds striped red and yellow.  
183780. No. 10797. **Yasticali**, Kozan, Seyhan. Seeds yellow, small.  
183781. No. 10798. **Tasdemir**, Umdeval, Alurca, Giresun. Seeds yellow.  
183782. No. 10799. **Halac**, Mugla. Seeds yellow.  
183783. No. 10800. **Lalapasa**, Edirne. Seeds red, small.  
183784. No. 10801. **Lalapasa**. Seeds yellow, large.  
183785. No. 10802. **Bununcuk**, Bayindir, Izmir. Seeds yellow.  
183786. No. 10803. **Bastekke**, Giresun. Seeds black.  
183787. No. 10804. **Cisit Bahcesi**, Ankara. Seeds yellow, small.  
183788. No. 10805. **Yalikavak**, Bodrum, Mugla. Seeds yellow, small.  
183789. No. 10806. **Gorele**, Giresun. Seeds yellow.  
183790. No. 10807. **Manisa**. Seeds white, small.  
183791. No. 10808. **Hinis**, Erzurum. Seeds yellow, small.  
183792. No. 10809. Agriculture teacher, **Yenisehir**, Bursa. Seeds yellow.  
183793. No. 10810. **Deblike**. Seeds yellow.  
183794. No. 10811. **Armutlu**, Izmir. Seeds red.  
183795. No. 10812. **Mustafa Kemalpaşa**, Izmir. Seeds yellow.  
183796. No. 10813. Agricultural Agent, **Mustafa Kemalpaşa**. Seeds yellow.  
183797. No. 10814. **Tabaklar**, Bartın, Zonguldak. Seeds yellow.  
183798. No. 10815. Agricultural Agent, **Mustafa Kemalpaşa**. Seeds white, small.  
183799. No. 10816. **Tarım Oğnetmenliği**, Carsamba. Seeds yellow.  
183800. No. 10817. Agricultural Agent, **Mustafa Kemalpaşa**. Seeds yellow.  
183801. No. 10818. **Karaza**, Akşehir, Konya. Seeds yellow, small.  
183802. No. 10819. **Saraykoy**, Akşehir, Konya. Seeds yellow, small.  
183803. No. 10820. **Akşehir**, Konya. Seeds red, small.  
183804. No. 10821. **Akşehir**. Seeds red, small.  
183805. No. 10822. **Hendek**, Kopa, Çorum. Seeds yellow.  
183806. No. 10823. **Arkarvi**, Hopa. Seeds yellow, large.  
183807. No. 10824. **Halac**, Finike, Mugla. Seeds yellow.  
183808. No. 10825. **Samsun**. Seeds red.  
183809. No. 10826. **Samsun**. Seeds yellow.

**183659 to 183815—Continued****183726 to 183815—Continued**

183810. No. 10827. Samsun. Seeds yellow, medium size.  
 183811. No. 10828. Sile, Istanbul. Seeds yellow, small.  
 183812. No. 10829. Yahali, Sile. Seeds yellow, large.  
 183313. No. 10830. Kuhla, Trabzon. Seeds yellow, large.  
 183814. No. 10831. Cinar, Persembe, Ordu. Seeds white, small.  
 183815. No. 10832. Seed Improvement Station, Adapazari, Kocaeli. Seeds yellow, large.

**183816 and 183817.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 26, 1949.

**183816. SORGHUM sp. Poaceae.**

No. 10403. Amritsar, western Punjab. Nov. 14, 1948. Plants 3 to 5 feet high.

**183817. CROTALARIA sp. Fabaceae.**

No. 10614. Phulera, Jaipur. Dec. 11, 1948. Plant 10 inches high in desert area.

**183818 and 183819. ILEX OPACA Ait. Aquifoliaceae.****American holly.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered July 27, 1949.

183818. *Richards*. Cuttings from tree at Harmony Hall, Tammany Hall, Md.

183819. *Helvetia*. Cuttings from tree on J. Elmer property near West Virginia State Game Farm, Buckhannon, W. Va.

**183820 to 183835.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in August 1949.

**183820. ABUTILON MOLLISSIMUM (Cav.) Sweet. Malvaceae.***Sandwicense*.**183821. ARISTOLOCHIA sp. Aristolochiaceae.**

Originally from Fusagasugá, Colombia. Flowers red.

**183822. CASSIA AURICULATA L. Fabaceae.**

Originally from India.

**183823. HIBISCUS ROSA-SINENSIS L. Malvaceae.****Chinese hibiscus.**

A variety developed by T. B. McClelland, Coconut Grove, Fla. Flowers cream edged with citron yellow; column, stamens, and pistils bright yellow.

**183824. HOYA sp. Asclepiadaceae.**

Originally from Mary Gilchrist, St. Petersburg, Fla. Flowers yellow.

**183825 to 183830. Originally from F. W. Schumacher, Jamacia Plain, Mass.****183825. MELALEUCA LATERITIA Otto & Dietr. Myrtaceae.****183826. MYRCIA ATRAMENTIFERA Barb.-Rodr. Myrtaceae.****183827. PITTOSPORUM PHILLYRAEOIDES DC. Pittosporaceae.****Willow pittosporum.****183828. PITTOSPORUM RHOMBIFOLIUM A. Cunn.****183829. PITTOSPORUM TOBIRA (Willd.) Ait.****Tobira.****183830. PITTOSPORUM UNDULATUM Vent.****Orange pittosporum.**



**183820 to 183835—Continued**

183831. *SCAEVOLA FRUTESCENS* (Mill.) K. Krause. Goodeniaceae.

183832. *SOLANUM HIRSUTISSIMUM* Standl. Solanaceae.

Originally from Turrialba, Costa Rica. Fruits juicy, size of a plum; flavor suggestive of plum or apricot.

183833. *STACHYTARPHETA CAYENNENSIS* (L. Rich.) Vahl. Verbenaceae.

183834. *STROPHANTHUS SARMENTOSUS* DC. Apocynaceae.

Selection from PI No. 73866.

183835. *SYAGRUS SANCONA* (H. B. K.) Karst. Phoenicaceae. **Palm.**

Originally from Molina, Colombia.

**183836. LINOMA ALBA** (Bory) O. F. Cook. Phoenicaceae. **Palm.**

From Florida. Plant growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 1, 1949.

Collected in Miami in 1936.

**183837. DENDROCALAMUS STRICTUS** Nees. Poaceae.

From Puerto Rico. Plants growing at the Federal Experiment Station, Mayaguez. Numbered in July 1949. Grown under P. I. 74229, as *D. membranaceus*.

**183838 to 183840.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 1, 1949.

183838. *CORDIA SEBESTENA* L. Boraginaceae.

From David Fairchild, Coconut Grove, Fla. 1929.

183839. *CORYPHA TALLIERA* Roxb. Phoenicaceae. **Palm.**

From Col. Robert Montgomery, Coconut Grove, Fla. 1936.

183840. *CRINUM ZEYLANICUM* L. Amaryllidaceae.

Collected by P. N. Dorsett and W. R. Morse in Japan. 1929.

**183841. PHORMIUM TENAX** Forst. Liliaceae. **New Zealand flax.**

From Kenya. Seeds presented by W. L. Jackson, Plateau. Received Aug. 1, 1949.

**183842. ACROCERAS MACRUM** Stapf. Poaceae.

From the Union of South Africa. Roots presented by the American Embassy, Pretoria, Transvaal. Received Aug. 2, 1949.

**183843 to 183868.**

From Turkey. Seeds presented by Prof. Vamik Taysi, Agricultural Institute, Ankara. Received Aug. 2, 1949.

183843 and 183844. *AVENA SATIVA* L. Poaceae. **Common oats.**

183843. No. 10665. Director of Agriculture, Maras, Maras.

183844. No. 10735. Vakıkebir, Trabzon.

183845 to 183847. *HORDEUM DISTICHON* L. Poaceae. **Barley.**

183845. No. 10681. Maras, Maras.

183846. No. 10712. Askale, Erzurum.

183847. No. 10716. Kevahor, Erzurum.

183848. *HORDEUM VULGARE* L.

No. 10737. Kirazlik, Vakıkebir, Trabzon.

**183843 to 183868—Continued****183849 to 183852.** SECALE CEREALE L. Poaceae.**Rye.**

183849. No. 10713. Askale, Erzurum.

183850. No. 10715. Kenahor, Erzurum.

183851. No. 10725. Kamera, Trabzon.

183852. No. 10738. Hacikoy, Vakfikebir, Trabzon.

**183853 to 183868.** TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

183853 to 183858. Originally from Maras, Maras.

183853. No. 10640.

183856. No. 10674. *Romanya*.183854. No. 10647. *Alibayir*.

183857. No. 10689. Spring type.

183855. No. 10649.

183858. No. 10696. *Saribursa*.

183859. No. 10708. Kenahor, Erzurum. Aug. 15.

183860. No. 10710. Askale, Erzurum.

183861 to 183864. From Kamera, Trabzon.

183861. No. 10720.

183863. No. 10731. Black-bearded type.

183862. No. 10723. Seeds whitish.

183864. No. 10734. *Cumhuriyet*.

183865 to 183868. From Nigde Province.

183865. No. 10743. Ulas Devlet farm.

183867. No. 10745. Sivas.

183866. No. 10744. Sivas.

183868. No. 10746. Sivas.

**183869.** EPISCIA sp. Gesneriaceae.

From Florida. Plants growing at the Plant Introduction Garden, Coconut Grove. Numbered Aug. 2, 1949.

**183870 to 183872.** TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From India. Seeds presented by the Indian Agriculture Research Institute, New Delhi. Received Aug. 3, 1949.

183870. N. P. 4.

183871. N. P. 114.

183872. N. P. 120.

**183873.** TRIFOLIUM FRAGIFERUM L. Fabaceae. **Strawberry clover.**

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received Aug. 8, 1949.

*Palestine.***183874.** FICUS MACROPHYLLA Desf. Moraceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 8, 1949.

**183875.** FICUS MITROPHORA Warb. Moraceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Received Aug. 8, 1949.

Originally from the Estacion Experimental Agronomico, Santiago de las Vegas, Cuba.

**183876.** DESMOSTACHYA BIPINNATA (L.) Stapf. Poaceae.**Camel grass.**

From Afghanistan. Seeds presented by F. O. Youngs, Girishk. Received Aug. 10, 1949.

**183877 to 183889. GOSSYPIMUM. Malvaceae.****Cotton.**

From India. Seeds presented by Dr. C. V. Subramanian, Madras. Received Aug. 3, 1949.

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|-------------------------------------|------------------------------|
| 183877. <i>Wagad</i> 8.             | 183884. <i>Gaorani</i> 6.    |
| 183878. <i>Dhulia</i> 2.            | 183885. <i>Vijay</i> .       |
| 183879. <i>Rozi</i> .               | 183886. <i>Kumpta Farm</i> . |
| 183880. G. A. 26.                   | 183887. K-1.                 |
| 183881. <i>New Million Dollar</i> . | 183888. CO-2.                |
| 183882. <i>Gaorani</i> 6838-2-6-10. | 183889. CO-4.                |
| 183883. Chinese R-1.                |                              |

**183890 to 183893. CAJANUS CAJAN (L.) Druce. Fabaceae.****Pigeonpea.**

From India. Seeds presented by Dr. C. V. Subramanian, Madras. Received Aug. 3, 1949.

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|------------------------------|------------------------------|
| 183890. No. 2745. Seeds red. | 183892. No. 37. Seeds red.   |
| 183891. No. 2900.            | 183893. No. 5009. Seeds red. |

**183894 to 183901. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.**

From Malaya. Seeds presented by L. N. H. Harter, Kuala Lumpur. Received Aug. 3, 1949.

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| 183894. No. 47/14.   | 183898. No. 1618-11. |
| 183895. No. 47/22.   | 183899. No. 1625-2.  |
| 183896. No. 1401-B.  | 183900. No. 1705-1.  |
| 183897. No. 1401-11. | 183901. No. 1718-10. |

**183902 to 183906.**

From Venezuela. Seeds presented by the Ministry of Agriculture and Breeding, Caracas. Received Aug. 3, 1949.

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| 183902. <i>CEDRELA MEXICANA</i> Roem. Meliaceae.                  |                             |
| 183903. <i>CURATELLA AMERICANA</i> L. Dilleniaceae.               |                             |
| 183904. <i>ENTEROLOBIUM CYCLOCARPUM</i> (Jacq.) Griseb. Fabaceae. |                             |
| 183905. <i>MELINIS MINUTIFLORA</i> Beauv. Poaceae.                | <b>Molasses grass.</b>      |
| 183906. <i>SWIETENIA CANDOLLEI</i> Pittier. Meliaceae.            | <b>Venezuelan mahogany.</b> |

**183907. TRICHOLAENA REPENS (Willd.) Hitch. Poaceae.****Natal grass.**

From Venezuela. Seeds presented by the Ministerio de Agricultura. Received Aug. 3, 1949.

**183908 and 183909.**

From Saudi Arabia. Seeds presented by H. V. Geib. Received Aug. 5, 1949.

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| 183908. <i>SORGHUM VULGARE</i> Pers. Poaceae. |                      |
| 183909. <i>TRITICUM AESTIVUM</i> L. Poaceae.  | <b>Common wheat.</b> |

**183910 and 183911.**

From Turkey. Seeds presented by Prof. Vamik Taysi, Agricultural Institute, Ankara. Received Aug. 5, 1949.

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| 183910. <i>PISUM SATIVUM</i> L. Poaceae.             | <b>Pea.</b>       |
| No. 10717. <i>Kulur</i> . Askale, Erzurum.           |                   |
| 183911. <i>TRIGONELLA FOENUM-GRACUM</i> L. Fabaceae. | <b>Fenugreek.</b> |
| No. 10698. Agriculture teacher, Maras.               |                   |

**183912 to 183914. PRUNUS. Rosaceae.**

From New Zealand. Trees presented by C. E. Woodhead, Auckland. Received Aug. 5, 1949.

183912. *Ron's Seedling.*

183913. *Moss Early.*

183914. *Moss Late.*

**183915. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

From Germany. Seeds presented by Eidgenossische Versuchsanstalt, Wädenswil. Received Aug. 5, 1949.

**183916 to 183951.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 8, 1949.

Collected in 1949.

183916. *ARACHIS HYPOGAEA L. Fabaceae.*

**Peanut.**

No. 11603. *Mungpali.* Shillong, Assam. Apr. 6.

183917 and 183918. *BRASSICA CAMPESTRIS* var. *SARSON* Prain. Brassicaceae.  
**Sarson.**

183917. No. 11607. Shillong, Assam.

183918. No. 11610. *Tyrso.* Shillong.

183919. *BRASSICA* sp. Brassicaceae.

No. 11606. *Sarson.* Shillong, Assam. Apr. 6.

183920. *BRASSICA* sp.

No. 11616. *Rai.* Shillong. Used as condiment.

183921. *BRASSICA* sp.

No. 11618. *Sarson.* Shillong.

183922 to 183927. *CAPSCUM FRUTESCENS L. Solanaceae. Redpepper.*

183922. No. 11597. *Mirch.* Market, Calcutta. Apr. 5. Fruit 4 to 5 inches, evenly tapered, red, hot.

183923. No. 11611. *Sohmynken.* Shillong, Assam. Apr. 7. Fruit 1½ to ¾ inches, blunt, red, hot.

183924. No. 11612. *Sohmynken.* Shillong. Fruit 2½ by 1 inches, blunt, red; flesh sweet; seeds mildly pungent.

183925. No. 11619. *Sohmynken.* Shillong. Fruit 3 to 4 by 1½ inches, red; flesh and seeds sweet.

183926. No. 11620. Shillong. Fruit 2½ by 1 inch, red; flesh mild; seeds hot.

183927. No. 11631. Khasia Hills, Shillong. May 10. Altitude 5,000 feet. Fruit 1½ inches, blunt, yellow, hot.

183928. *FRAGARIA* sp. Rosaceae.

**Strawberry.**

No. 11627. Nongpoh, Khasia Hills. May 3. Flowers yellow; fruit crimson, insipid.

183929 and 183930. *GLYCINE MAX (L.) Merr. Fabaceae.*

**Soybean.**

183929. No. 11609. *Bhart.* Shillong, Assam. Apr. 7.

183930. No. 11629. Nongpoh, Khasia Hills. May 8.

183931. *LINUM USITATISSIMUM L. Linaceae.*

**Flax.**

No. 11600. *Alsi.* Shillong, Assam. Apr. 6.

**183916 to 183951—Continued**

183932. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

No. 11624. Umran, Khasia Hills. Apr. 17. Altitude 3,000 feet. Fruit flat, 5 inches in diameter, smooth, red.

183933. *ORYZA SATIVA* L. Poaceae. **Rice.**

No. 11599. Kanba, Central Provinces.

183934. *PAPAVER SOMNIFERUM* L. Papaveraceae. **Opium poppy.**

No. 11608. *Kashkash*. Shillong, Assam. Apr. 6.

183935. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae. **Green perilla.**

No. 11613. *Nei*. Shillong, Assam. Apr. 7.

183936 to 183938. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**

183936. No. 11601. Shillong, Assam. Apr. 6.

183937. No. 11614. Shillong.

183938. No. 11615. Shillong.

183939. *PHASEOLUS LUNATUS* L. **Lima bean.**

No. 11596. Market, Calcutta. Apr. 5.

183940. *PHASEOLUS MUNGO* L. **Urd.**

No. 11605. *Urd*. Shillong, Assam. Apr. 6.

183941 to 183943. *PHASEOLUS VULGARIS* L. **Common bean.**

183941. No. 11594. Market, Calcutta. Apr. 5.

183942. No. 11595. Market, Calcutta. Apr. 5.

183943. No. 11628. Nongpoh, Khasia Hills. May 6. Climbing type.

183944 to 183946. *PISUM SATIVUM* L. Fabaceae. **Pea.**

183944. No. 11592. *Matar*. Market, Calcutta. Apr. 5.

183945. No. 11593. *Matar*. Market, Calcutta. Apr. 5.

183946. No. 11602. *Matar*. Shillong, Assam. Apr. 6.

183947. *RUBUS* sp. Rosaceae.

No. 11623. Umran, Khasia Hills. Altitude 4,000 feet. Growing on open slope. A dense bush, 7 feet high, with orange fruits.

183948. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

No. 11604. *Til*. Shillong, Assam. Apr. 6.

183949. *SOLANUM* sp. Solanaceae.

No. 11626. Nongpoh, Khasia Hills. Apr. 19. Altitude 2,000 feet. Fruit globose, 1¼ inches in diameter, yellow.

183950. *Gossypium*. Malvaceae. **Cotton.**

No. 11622. Gaubati, Assam. Apr. 8.

183951. *HORDEUM VULGARE* L. Poaceae. **Barley.**

No. 11617. Shillong, Assam. Apr. 7. Spring type.

**183952 to 183954. *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.****

From Canada. Seeds presented by the Department of Agriculture, Kentville, Nova Scotia. Received Aug. 10, 1949.

183952. *Balwin* × *Spy*.

183953. *Stark* × *Cox Orange*.

183954. *Stark* × *Red Astrachan*.

**183955 to 183966.**

From Portugal. Scions presented by Ed. Sa' Pereira, Porto. Received Mar. 10, 1949.

**183955 to 183961.** *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**

183955. *Lindo Da Insua*—6. 183959. *Melapio Fino*—11.

183956. *Coimbra*—8. 183960. *Camoesa De Quina*—13.

183957. *Casa Nova De Alco Baca*—9. 183961. *Canavial*—14.

183958. *Bravo De Esmolte*—10.

**183962 to 183966.** *PYRUS COMMUNIS* L. Malaceae. **Pear.**

183962. *Marqueza*—1. 183965. *Rocha*—4.

183963. *Marquezinha*—2. 183966. *Cox De Freira*—5.

183964. *Perola*—3.

**183967 and 183968.**

From India. Seeds collected by Walter N. Koelz, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 11, 1949.

Collected in 1949.

**183967.** *CUCUMIS SATIVUS* L. Cucurbitaceae.

No. 11621. Umran, Khasia Hills. Apr. 8. Fruit ovoid, 2 inches in diameter, green to lemon with whitish stripes; more or less spiny.

**183968.** *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

No. 11591. Market, Calcutta. Apr. 5.

**183969 to 183977.**

From England, Wales, and Sweden. Seeds collected by W. M. Meyers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 10, 1949.

**183969 to 183973.** *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

183969. Royal Botanical Gardens, Kew, England.

183970. Castle grounds, Aberystwyth, Wales.

183971. (No data.)

183972. (No data.)

183973. (No data.)

**183974 and 183975.** *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**

183974. Castle grounds, Aberystwyth, Wales.

183975. (No data.)

**183976.** *ONONIS* sp. Fabaceae.

Castle grounds, Aberystwyth, Wales. Flowers large and pink; foliage pubescent.

**183977.** *TRIFOLIUM REPENS* L. Fabaceae. **White clover.**

Agricultural Experiment Station, Molle, Sweden.

**183978.** *MUSA TEXTILIS* Née. Musaceae. **Abacá.**

From Honduras. Seeds presented by J. H. Permar, Tela R. R. Co., Tela. Received Aug. 12, 1949.

**183979 to 184287.**

From Yugoslavia. Presented by Dr. J. Kovacevic, Director, Federal Institute for Plant Breeding and Production, Zemun. Received Aug. 15, 1949.

**183979 to 184034.** AVENA SATIVA L. Poaceae.

**Common oats.**

**183979 to 184000.** From Krusevac, Serbia.

- 183979. No. 111. Strain Br. 6.
- 183980. No. 112. Strain Br. 7. Citluk.
- 183981. No. 113. Strain Br. 8. Dobricevo.
- 183982. No. 114. Strain Br. 37. Aleksinac.
- 183983. No. 115. Strain Br. 38. Bela Palanka.
- 183984. No. 116. Strain Br. 39. Brza Palanka.
- 183985. No. 117. Strain Br. 40. Vucitrn.
- 183986. No. 118. Strain Br. 43. Strazara.
- 183987. No. 119. Strain Br. 47. Kraljevo.
- 183988. No. 120. Strain Br. 48. Izvor.
- 183989. No. 121. Strain Br. 49. Knjazevac.
- 183990. No. 122. Strain Br. 51. Krpimej.
- 183991. No. 123. Strain Br. 53. Cikot.
- 183992. No. 124. Strain Br. 54. Katun.
- 183993. No. 125. Strain Br. 55. V. Plana.
- 183994. No. 126. Strain Br. 56. Cuprija.
- 193995. No. 127. Strain Br. 57. Despotovac.
- 183996. No. 128. Strain Br. 61. Ugljarevo.
- 183997. No. 129. Strain Br. 65. Petresce.
- 183998. No. 130. Strain Br. 80. Sikirica.
- 183999. No. 131. Strain Br. 68. Zagubica.
- 184000. No. 132. Strain Br. 72. Krovodol.

**184001 to 184025.** From the republic of Serbia.

- |  |   |
|--|---|
| 184001. No. 196. Pozarevac.            | 184013. No. 208. Slavonska.             |
| 184002. No. 197. Vrsac.                | 184014. No. 209. Banat.                 |
| 184003. No. 198. Vrbas.                | 184015. No. 210. Srbobran.              |
| 184004. No. 199. Alibunar.             | 184016. No. 211. Novo-Becej.            |
| 184005. No. 200. Nepoznato<br>Poreklo. | 184017. No. 212. Zrenjanin.             |
| 184006. No. 201. Djurdjevac.           | 184018. No. 213. Novo Pazar.            |
| 184007. No. 202. Zajecar.              | 184019. No. 214. Zagre.                 |
| 184008. No. 203. Kovin.                | 184020. No. 215. Skoplje.               |
| 184009. No. 204. Bogojovo.             | 184021. No. 216. Strain Br. 171. Belje. |
| 184010. No. 205. Gajdobra.             | 184022. No. 217. Strain Br. 167. Belje. |
| 184011. No. 206. Poljana.              | 184023. No. 218. Zegreb.                |
| 184012. No. 207. Backa.                | 184024. No. 219. Strain Br. 172. Belje. |
|  | 184025. No. 220. Strain Br. 170. Belje. |

**184026 to 184030.** From Coka, Serbia.

- |                            |                                 |
|----------------------------|---------------------------------|
| 184026. No. 221.           | 184029. No. 224. Novi Sad 4115. |
| 184027. No. 222. Cokanski. | 184030. No. 225. Strain 4116.   |
| 184028. No. 223.           |                                 |

## 183979 to 184287—Continued

## 183979 to 184034—Continued

184031 to 184034. From Topcider.

184031. No. 226.

184033. No. 228.

184032. No. 227.

184034. No. 229.

184035. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.

Cabbage.

No. 240. *Likoriski*. Zemun.184036. *CANNABIS SATIVA* L. Moraceae.

Hemp.

No. 241. Leskovac.

184037 to 184039. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

184037. No. 233. *Babura Zelena*. Zemun-Polje.184038. No. 234. *Babura Bela*. Zemun-Polje.184039. No. 235. *Babura Kalinkova*. Zemun-Polje.184040. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

No. 301. (No data.)

184041. *FESTUCA ARUNDINACEA* Schreb. Poaceae.

Tall fescue.

No. 300. (No data.)

184042 to 184047. *GLYCINE MAX* (L.) Merr. Fabaceae.

Soybean.

184042. No. 257. *Nikogri*. Sarajevo.184043. No. 258. *M 7*. Bozjakovo.184044. No. 259. *Kasnija Br. 443*. Belje.184045. No. 260. *M 14*. Bozjakovo.184046. No. 261. *M 60*. Maksimir.184047. No. 262. *Rana Br. 442*. Belje.184048 and 184049. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

184048. No. 263. *Novosadski Br. 4*. Novo Sad.184049. No. 264. *Novosadski Br. 4*. Novo Sad.184050 to 184101. *HORDEUM DISTICHON* L. Poaceae

Barley.

From Krusevac Province.

184050. No. 133. Strain Br. 1. Novo Kikinda.

184051. No. 134. Strain Br. 2. Zrenjanin.

184052. No. 135. Strain Br. 3. Velika Kikinda.

184053. No. 136. Strain Br. 4. Velika Kikinda.

184054. No. 137. Strain Br. 5. Velika Kikinda.

184055. No. 138. Strain Br. 6. Novo Becej.

184056. No. 139. Strain Br. 7. Backa Palanka.

184057. No. 140. Strain Br. 8. Backa Palanka.

184058. No. 141. Strain Br. 9. Stari Sivar.

184059. No. 142. Strain Br. 10. Srbobran.

184060. No. 143. Strain Br. 11. Vojanj.

184061. No. 144. Strain Br. 12. Irig.

184062. No. 145. Strain Br. 13. Ilok.

184063. No. 146. Strain Br. 14. Belje.

184064. No. 147. Strain Br. 15. Varvarac.

184065. No. 148. Strain Br. 16. Kn. Vojrad.



**183979 to 184287—Continued****184050 to 184101—Continued**

- 184066. No. 149. Strain Br. 17. Beli Manastir.
- 184067. No. 150. Strain Br. 18. Petlovac.
- 184068. No. 151. Strain Br. 19. Brezice.
- 184069. No. 152. Strain Br. 20. Lundbreg.
- 184070. No. 153. Strain Br. 21. Krsko.
- 184071. No. 154. Strain Br. 22. Osijek.
- 184072. No. 155. Strain Br. 23. Kaptol.
- 184073. No. 156. Strain Br. 24. Daruvar.
- 184074. No. 157. Strain Br. 25. Krapina.
- 184075. No. 158. Strain Br. 26. Bribig-srez Novo.
- 184076. No. 159. Strain Br. 27. Brlog.
- 184077. No. 160. Strain Br. 28. Senj.
- 184078. No. 161. Strain Br. 29. Brinje.
- 184079. No. 162. Strain Br. 30. Perusic.
- 184080. No. 163. Strain Br. 31. Korenica.
- 184081. No. 164. Strain Br. 32. Gospic.
- 184082. No. 165. Strain Br. 33. Donji Lapac.
- 184083. No. 166. Strain Br. 34. Travnik.
- 184084. No. 167. Strain Br. 35. Livno.
- 184085. No. 168. Strain Br. 36. Tomislavgrad.
- 184086. No. 169. Strain Br. 37. Konjic.
- 184087. No. 170. Strain Br. 38. Nevesinje.
- 184088. No. 171. Strain Br. 39. Stolac.
- 184089. No. 172. Strain Br. 40. Gacko.
- 184090. No. 173. Strain Br. 41. Tutin.
- 184091. No. 174. Strain Br. 42. Priboj.
- 184092. No. 175. Strain Br. 55. *Beljski Opl. Jecam 3.*
- 184093. No. 176. Strain Br. 56. *Beljski Opl. Jecam 22.*
- 184094. No. 177. Strain Br. 57. *Beljski Opl. Jecam 23.*
- 184095. No. 178. Strain Br. 58. *Beljski Opl. Jecam 24.*
- 184096. No. 179. Strain Br. 77. *Prolečni Jecam. Belje.*
- 184097. No. 180. Strain Br. 78. *Prolečni Jecam. Kneifel.*
- 184098. No. 181. Strain Br. 79. *Belje 605.*
- 184099. No. 182. Strain Br. 80. *Belje 612.*
- 184100. No. 183. Strain Br. 81. *Belje 618.*
- 184101. No. 184.

**184102. HORDEUM VULGARE L.**

No. 185. Tresnjevo.

**184103 and 184104. HORDEUM DISTICHON L.**

184103. No. 186. Zabljak-Pitomina.

184104. No. 187. Brezovik.

**184105. HORDEUM VULGARE L.**

No. 188. Bare Kraljske.

## 183979 to 184287—Continued

184106. *HORDEUM DISTICHON* L.  
No. 189. Gornje Polje.
- 184107 and 184108. *HORDEUM VULGARE* L.  
184107. No. 190. Drndari.  
184108. No. 191. Drndari.
184109. *HORDEUM DISTICHON* L.  
No. 192. Zabljak.
184110. *SECALE CEREALE* L. Poaceae. Rye.  
No. 193. Vucje Niksic.
184111. *HORDEUM VULGARE* L. Poaceae. Barley.  
No. 194. Barlovo Kursumljij.
184112. *HORDEUM DISTICHON* L.  
No. 195. *Groavac-Buskat*. Plevlje.
184113. *LACTUCA SATIVA* L. Asteraceae. Lettuce.  
No. 349. *Zimska*. Zemun-Polje.
184114. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
No. 297. (No data.)
- 184115 and 184116. *LUPINUS ALBUS* L. Fabaceae. White lupine.  
184115. No. 298. Zajecar.  
184116. No. 299. Titograd. Local type.
184117. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. Yellow sweetclover.  
No. 243. Pristina.
- 184118 to 184120. *NICOTIANA TABACUM* L. Solanaceae. Tobacco.  
184118. No. 294. *R. 108*. Prilep.  
184119. No. 295. *Kumanovc 9-18/2*. Prilep.  
184120. No. 296. *J. K. 7-4/2*. Prilep.
- 184121 to 184124. *ORYZA SATIVA* L. Poaceae. Rice.  
184121. No. 290. *536-XV*. Makedonija.  
184122. No. 291. *537-XV*. Makedonija.  
184123. No. 292. *538-XV*. Makedonija.  
184124. No. 293. *534-XV*. Makedonija.
- 184125 to 184127. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
184125. No. 230. *Zlatna Kisa*. Zemun.  
184126. No. 231. *Butterbohlen*. Zemun.  
184127. No. 232. *Tetovac*. Zemun.
- 184128 to 184131. *PISUM SATIVUM* L. Fabaceae. Pea.  
184128. No. 304. Local type. 184130. No. 309. Petrinja.  
184129. No. 305. Belje. 184131. No. 310. Local type.
- 184132 and 184133. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
184132. No. 302. Prilep.  
184133. No. 303. St. Hamzali.
- 184134 to 184136. *SECALE CEREALE* L. Poaceae. Rye.  
184134. No. 306. Braka.  
184135. No. 307. Pec.  
184136. No. 308. (No data.)

## 183979 to 184287—Continued

184137. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.  
No. 242. Kragujevac.
184138. *TARAXACUM KOKSAGHYZ* Rodin. Asteraceae.  
No. 311. (No data.)
184139. *TRIFOLIUM INCARNATUM* L. Fabaceae. Crimson clover.  
No. 244. Marenberg.
- 184140 to 184271. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
- 184140 to 184200. From Sarajevo Province.
184140. No. 1. *Domaca*. Nevessinje.
184141. No. 2. *Domaca*. Biljesevo.
184142. No. 3. *Zuta Brkulja*. Grab Zupci.
184143. No. 4. *Domaca*. Trebinjevo.
184144. No. 5. *Rana*. Kremenik.
184145. No. 6. *Domaca*. Trebinje.
184146. No. 7. *Zuta Rana*. Bihovi.
184147. No. 8. *Rana*. Zgorijevo.
184148. No. 9. *Brkulja*. Mrnici.
184149. No. 10. *Domaca*. Klobuk.
184150. No. 11. *Brkulja*. Ljubova Suma.
184151. No. 12. *Krupnik*. Mrnici.
184152. No. 13. *Domaca*. Bastasi.
184153. No. 14. *Brkulja*. Petrovac.
184154. No. 15. *Domaca*. Livno.
184155. No. 16. *Domaca Brkulja*. Visoko.
184156. No. 17. *Bjelica Sisilja*. Papratuv.
184157. No. 18. *Brkulja*. Nazbilj.
184158. No. 19. *Brkulja*. Lipnica.
184159. No. 20. *Madjarska*.
184160. No. 21. *Domaca*. Prekaja.
184161. No. 22. *Brkulja*. Gabela.
184162. No. 23. *Domaca*. Medjurecje.
184163. No. 24. *Domaca*.
184164. No. 25. *Sisulja Belica*.
184165. No. 26. *Brkulja*.
184166. No. 28. *Sibirka Rana*. Stijena.
184167. No. 29. *Domaca Kasna*. Stijena.
184168. No. 30. *Crvenica*. Glogovac.
184169. No. 32. *Domaca*. Bjelajce.
184170. No. 33. *Brkulja*. Cicrina.
184171. No. 35. *Domaca*. Cupoglav.
184172. No. 36. *Rumunka*. Humac.
184173. No. 37. *Talijanska*. Klobuk.
184174. No. 38. *Bijela Brkulja*. Kaoce.
184175. No. 39. *Krupnik*. Humac.

## 183979 to 184287—Continued

## 184140 to 184271—Continued

## 184140 to 184200—Continued

184176. No. 40. *Brkulja*. Humac.  
184177. No. 41. *Krupnik*. Drinovci.  
184178. No. 42. *Domaca*. Sevarlije.  
184179. No. 43. *Domaca*.  
184180. No. 44. *Madjarska*. Duhovi.  
184181. No. 45. *Ranka Brkulja*.  
184182. No. 46. *Brdska Brkulja*. Ruzevic.  
184183. No. 47. *Brkulja Crvena*. Bardaci.  
184184. No. 48. *Domaca*. Turici.  
184185. No. 49. *Ranka*. Tramosina.  
184186. No. 50. *Domaca*.  
184187. No. 51. *Ranka*.  
184188. No. 52. *Piskulja*. Mirusa.  
184189. No. 53. *Domaca*. Krezluk.  
184190. No. 54. *Bjelica*. Stipanici.  
184191. No. 55. *Garulja*. Ledenica.  
184192. No. 56. *Domaca*. Mokra Njiva.  
184193. No. 57. *Domaca*. Polje.  
184194. No. 58. *Domaca*. Vince.  
184195. No. 59. *Domaca*. Protlica.  
184196. No. 60. *Domaca*. Zabredje.  
184197. No. 61. *Bjelica*. Cicevci.  
184198. No. 62. *Bosanka*. Potocani.  
184199. No. 63. *Domaca Brkulja*. Lim.  
184200. No. 64. *Domaca Brkulja*. Kocerin.

## 184201 to 184246. From Krusevac Province.

184201. No. 65. Strain Br. 10. Kaonik.  
184202. No. 66. Strain Br. 12. Mali Silego.  
184203. No. 67. Strain Br. 13. Mali Silegovo.  
184204. No. 68. Strain Br. 14. Mali Silegovo.  
184205. No. 69. Strain Br. 15. Mali Silegovo.  
184206. No. 70. Strain Br. 16. Kaonik.  
184207. No. 71. Strain Br. 17. Kaonik.  
184208. No. 72. Strain Br. 18. Kaonik.  
184209. No. 73. Strain Br. 19. Kaonik.  
184210. No. 74. Strain Br. 20. Kaonik.  
184211. No. 75. Strain Br. 22. Parunovac.  
184212. No. 76. Strain Br. 23. Mudrakovac.  
184213. No. 77. Strain Br. 24. Mudrakovac.  
184214. No. 78. Strain Br. 25. Mudrakovac.  
184215. No. 79. Strain Br. 26. Mudrakovac.  
184216. No. 80. Strain Br. 28. Mudrakovac.

**183979 to 184287—Continued****184140 to 184271—Continued****184201 to 184246—Continued**

- 184217. No. 81. Strain Br. 29. Kaonik.
- 184218. No. 82. Strain Br. 31. Kaonik.
- 184219. No. 83. Strain Br. 2217. Kaonik.
- 184220. No. 84. Strain Br. 3788.
- 184221. No. 85. Strain Br. 5480.
- 184222. No. 86. Strain Br. 4132.
- 184223. No. 87. Strain Br. 8320.
- 184224. No. 88. Strain Br. 3013.
- 184225. No. 89. Strain Br. 6917.
- 184226. No. 90. Strain Br. 8312.
- 184227. No. 91. Strain Br. 6792.
- 184228. No. 92. Strain Br. 6022.
- 184229. No. 93. Strain Br. 7089.
- 184230. No. 94. Strain Br. 8582.
- 184231. No. 95. Strain Br. 4082.
- 184232. No. 96. Strain Br. 6321.
- 184233. No. 97. Strain Br. 6930.
- 184234. No. 98. Strain Br. 8355.
- 184235. No. 99. Strain Br. 2769.
- 184236. No. 100. Strain Br. 2465.
- 184237. No. 101. Strain Br. 8470.
- 184238. No. 102. Strain Br. 1.
- 184239. No. 103. Strain Br. 2.
- 184240. No. 104. Strain Br. 3.
- 184241. No. 105. Strain Br. 4.
- 184242. No. 106. Strain Br. 5.
- 184243. No. 107. Strain Br. 6.
- 184244. No. 108. Strain Br. 7.
- 184245. No. 109. Strain Br. 8.
- 184246. No. 110. Strain Br. 9.

**184247 to 184250. Belje.**

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|---------------------------------|-------------------------------|
| 184247. No. 265. <i>R 590.</i>  | 184249. No. 267. <i>I 77.</i> |
| 184248. No. 266. <i>B 1201.</i> | 184250. No. 268. Strain 2217. |
- 184251. No. 269. *Beltinska 49.* Slov. Konjice.
  - 184252. No. 270. *Maksimirska 1877/5.* Novo Sad.
  - 184253. No. 271. *Maksimirska 2949.* Novo Sad.
  - 184254. No. 272. *U 14.* Osijek.
  - 184255. No. 273. *Stara Osaaka.* Djevdjelija.
  - 184256. No. 274. *Kozlaca.* Djevdjelija.
  - 184257. No. 275. *R 9.* Osijek.
  - 184258. No. 276. *R 14.* Osijek.
  - 184259. No. 277. *K 80.* Osijek.

## 183979 to 184287—Continued

## 184140 to 184271—Continued

184260. No. 278. *Banatka*. Prokuplje.  
 184261. No. 279. *Osjecka Sisulja*. Prokuplje.  
 184262. No. 280. *136*. Prokuplje.  
 184263. No. 281. *Zoriceva Sisulja Ul*. Knin.  
 184264. No. 282. *Bavrska Kraljica*. Dob pri Mirni.  
 184265. No. 283. *Bela Osinka*. Dob pri Mirni.  
 184266. No. 284. Dajkovo.  
 184267. No. 285. Curug.  
 184268. No. 286. *Oznaka Linije I*. Krusevac.  
 184269. No. 287. *Oznaka Linije II*. Krusevac.  
 184270. No. 288. *Oznaka Linije III*. Krusevac.  
 184271. No. 289. *Oznaka Linije IV*. Krusevac.

184272 and 184273. *TRITICUM DICOCCUM* Schrank.

Emmer.

184272. No. 27. *Pir*. Przol, Sarajevo.184273. No. 31. *Pir*. Baraci, Sarajevo.184274. *TRITICUM SPELTA* L.

Spelt.

No. 34. *Krupnik*. Pule, Sarajevo.184275. *VICIA FABA* L. Fabaceae.

Broadbean.

No. 236. Zemun.

184276 to 184287. *ZEA MAYS* L. Poaceae.

Corn.

184276. No. 245. *Osmak K-9*. Zagreb.184277. No. 246. *Beljski Zuban*. Belje.184278. No. 247. *Vukovarski Zuban*. Vukovar.184279. No. 248. *Koricev Rani*. Osijek.184280. No. 249. *Bankut*. Horgos.184281. No. 250. *Hrvatica K-1*. Zagreb.184282. No. 251. *Mastadon*. Stara Moravica.184283. No. 252. *Beli Bankut*. Stara Moravica.184284. No. 253. *Domaci*. Butmir.184285. No. 254. *Novosadski Zlatni Zuban*. Novo Sad.184286. No. 255. *Koricev Brzak*. Osijek.184287. No. 256. *Fleischmann*. Novo Sad.184288. *SACCHARUM*. Poaceae.

Sugarcane.

From Puerto Rico. Cuttings presented by the University of Puerto Rico, Rio Piedras. Received Aug. 22, 1949.

184289. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

From Sweden. Seeds presented by Sveriges Utsadesforenings, Svalov. Received Aug. 15, 1949.

*Svalof*.184290. *BRASSICA* sp. Brassicaceae.

From England. Seeds presented by the Royal Botanic Gardens, Kew. Received Aug. 15, 1949.

184291. *PAPAYER SOMNIFERUM* L. Papaveraceae.

Opium poppy.

From Italy. Seeds presented by the Food and Agriculture Organization European Regional Office, Rome. Received Aug. 18, 1949.

**184292 to 184295.**

From El Salvador. Seeds presented by the Ministry of Agriculture, San Salvador. Received Aug. 19, 1949.

184292. *PHASEOLUS COCCINEUS* L. Fabaceae. Scarlet runner bean.  
*Chilipuca.*

184293. *LEUCAENA GLAUCA* (L.) Benth. Fabaceae.

184294. *STIZOLOBIUM DEERINGIANUM* Bort. Fabaceae. Deering velvetbean.

184295. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.

**184296. CALYCOPHYLLUM CANDIDISSIMUM (Vahl) DC. Rubiaceae.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 22, 1949.

**184297 to 184301. PRUNUS PERSICA (L.) Batsch. Rosaceae. Peach.**

From France. Scions presented by F. A. Motz, American Embassy, Paris. Received Aug. 23, 1949.

184297. *Charles Tugouf.* 184300. *Guillon 41.*

184298. *Gaillard 2.* 184301. *Incomparable Guillon.*

184299. *Gaillard 8.*

**184302 to 184309.**

From Turkey. Seeds presented by Charles R. Enlow, American Embassy, Ankara. Received Aug. 24, 1949.

184302. *CICER* sp. Fabaceae.

184303. *HEDYSARUM CORONARIUM* L. Fabaceae. Sulla.

184304. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.

184305. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. Sainfoin.

184306. *VICIA ERVILLA* (L.) Willd. Fabaceae. Vetch.

184307. *VICIA NARBONENSIS* L.

184308. *VICIA SATIVA* L. Common vetch.

184309. *VICIA VILLOSA* Roth. Hairy vetch.

**184310 to 184314. HUMULUS LUPULUS L. Moraceae.**

Common hop.

From New Zealand. Cuttings presented by the American Legation, Wellington. Received Aug. 24, 1949.

184310. *Canterbury Whitebine* type.

184311. *Fuggle* × *Francoise.*

184312. *Goldings* × *Hastelon Blenheim.*

184313. *Late Cluster* × *Montere District.*

184314. *Late Cluster (N. Z. Californian)* × *Mrs. Beggs Rakau.*

**184315 to 184321. TRITICUM AESTIVUM L. Poaceae.**

Common wheat.

From Ethiopia. Seeds presented through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Aug. 25, 1949.

184315. *Asselle Common.*

184319. *Nazareth.*

184316. *Asselle White.*

184320. *Shoa.*

184317. *Dessie.*

184321. *Mixed sample.*

184318. *Gimma.*

**184322 to 184326. ASTRAGALUS spp. Fabaceae.**

From Nebraska and Wyoming. Seeds collected by L. C. Newell and L. S. Donovan, University of Nebraska Agronomy Department. Received Aug. 19, 1949.

Collected in 1949.

**184322.** *ASTRAGALUS DRUMMONDII* Dougl.

No. 49052. Near Lexington, Nebr.

**184323.** *ASTRAGALUS LOTIFLORUS* Hook.

No. 49014. Near Johnson Lake, Nebr.

**184324.** *ASTRAGALUS NEBRASKENSIS* Bates.

No. 49013. Near Johnson Lake, Nebr.

**184325.** *ASTRAGALUS SHORTIANUS* Nutt.

No. 49050. Cheyenne, Wyo.

**184326.** *ASTRAGALUS STRIATUS* Nutt.

No. 49051. Lexington, Nebr.

**184327. STROPHANTHUS HISPIDUS DC. Apocynaceae.**

From Liberia. Root collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 26, 1949.

*Balleh.* Monrovia, Montserrado County.

**184328. DYERA LAXIFLORA Hook. f. Apocynaceae.**

From Malaya. Seeds obtained from Singapore by Dr. Llewellyn Williams, Chicago Natural History Museum, Chicago, Ill. Received Aug. 26, 1949.

**184329 to 184332.**

From Portugal. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 26, 1949.

**184329.** *AMARYLLIS* sp. Amaryllidaceae.

Lisbon. Bulbs.

**184330.** *CRINUM PEDUNCULATUM* R. Br. Amaryllidaceae.

Originally from Australia. (Seeds.)

**184331.** *SEDUM* sp. Crassulaceae.

Lisbon. Roots.

**184332.** (Undetermined.)

Lisbon. Roots.

**184333. COIX LACRYMA-JOBI var. MA-YUEN (Romanet) Stapf.**

Poaceae.

**Adlay.**

From Brazil. Seeds presented by the American Consulate General, São Paulo. Received Aug. 15, 1949.

**184334. DACTYLIS GLOMERATA L. Poaceae.**

**Orchard grass.**

From Wales. Seeds presented by the Welsh Plant Breeding Station, Aberystwyth. Received Aug. 29, 1949.

**184335 to 184338. STROPHANTHUS spp. Apocynaceae.**

From Liberia. Cuttings collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 30, 1949.

**184335.** *STROPHANTHUS HISPIDUS* DC.

No. 2. Monrovia.



**184335 to 184338—Continued**184336 to 184338. *STROPHANTHUS SARMENTOSUS* DC.184336. No. 13029. *Baros*. Monrovia.

184337. No. 1. Monrovia.

184338. No. 13069. Bushrod Island.

**184339. × CYNODON MAGENNISSII Hurcombe. Poaceae.**

From the Union of South Africa. Stolons presented by Mildred Wilman, Kimberley, Cape Province. Received Sept. 1, 1949.

**184340. TELFAIRIA OCCIDENTALIS Hook. f. Cucurbitaceae.**

From the Gold Coast. Seeds presented by the Department of Agriculture, Accra. Received Sept. 2, 1949.

**184341 to 184343. TRIFOLIUM HYBRIDUM L. Fabaceae.****Alsike clover.**

From Sweden. Seeds presented by the Sveriges Utsädesförenings; Svalov. Received Sept. 2, 1949.

184341. *Svea*.184342. *Sv. 0205*.184343. *Vittinge*.**184344 to 184360.**

From India. Seeds presented by the Indian Agriculture Research Institute, New Delhi. Received Sept. 2, 1949.

**184344 and 184345. BRASSICA CAMPESTRIS var. SARSON Prain. Brassicaceae.**  
**Sarson.**

184344. T 74.

184345. T 87.

**184346. BRASSICA CAMPESTRIS L.***Toria*. T 26.**184347 and 184348. BRASSICA JUNCEA (L.) COSS.****Chinese mustard.**

184347. T 209.

184348. T 215.

**184349 to 184351. LINUM USITATISSIMUM L. Linaceae.****Flax.**

184349. N. P. 12.

184350. N. P. 121.

184351. N. P. 124.

**184352 to 184355. SESAMUM INDICUM L. Pedaliaceae.****Sesame.**

184352. A cross.

184354. N. P. 3.

184353. N. P. 29.

184355. N. P. 7.

**184356 to 184360. ZEA MAYS L. Poaceae.****Corn.**184356. *Aurangabad* No. 4.184359. *Hindani Jaipore* No. 6.184357. *Aurangabad*. No. 7.184360. *Meerut Yellow*.184358. *Barode I*.**184361 and 184362. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Sweden. Seeds presented by the Agronomy Department, University of Missouri, Columbia, Mo. Received Sept. 2, 1949.

184361. *Hansa*.184362. *Scandia*.

**184363. TELFAIRIA PEDATA (J. E. Smith) Hook. Cucurbitaceae.**

From Kenya. Seeds presented by the Department of Agriculture, Nairobi.  
Received Sept. 6, 1949.

**184364 to 184368.**

From Liberia. Plants collected by J. R. Baldwin, Jr., Agricultural Explorer,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received Sept. 7, 1949.

184364. *DRACAENA* sp. Liliaceae.

No. 7. Firestone Plantation, Harbel.

184365. *STROPHANTHUS HISPIDUS* DC. Apocynaceae.

No. 6. Harbel, Montserrado County.

184366. *STROPHANTHUS SARMENTOSUS* DC.

No. 5. Firestone Plantation, Harbel.

184367. (Undetermined.)

No. 9. Firestone Plantation, Harbel.

184368. *STROPHANTHUS SARMENTOSUS* DC. Apocynaceae.

No. 8. Monrovia.

**184369. GOSSYPIUM. Malvaceae.****Cotton.**

From Jordan. Seeds presented by the American Legation, Amman. Received  
Sept. 7, 1949.

**184370. TRIFOLIUM HYBRIDUM L. Fabaceae.****Alsike clover.**

From Sweden. Seeds presented by the American Embassy, Stockholm. Re-  
ceived Sept. 7, 1949.

*Tammisto.*

**184371 and 184372.**

From the United Kingdom. Seeds collected by O. S. Aamodt, Bureau of Plant  
Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received  
Sept. 7, 1949.

184371. *LOTUS* sp. Fabaceae.

Aberystwyth, Wales.

184372. *LOTUS* sp.

Harpenden, England.

**184373 to 184376.**

From the Union of South Africa. Seeds presented by the American Embassy,  
Pretoria, Transvaal. Received Aug. 26, 1949.

184373 and 184374. *PENTZIA INCANA* (Thunb.) Kuntze. Asteraceae.

184373. *Anker; Ankor Karoo.*

184374. *Groot Gansie.*

184375. *PENTZIA SPHAEROCEPHALA* DC.

*Groot Berg Gansie.*

184376. *PSORALEA CANDICANS* Eckl. & Zeyh. Fabaceae.

*Ertjie Kardo.*

**184377 to 184382.**

From Sweden. Presented by the Agricultural Research Station, Alnarp, Akarp.  
Received Sept. 9, 1949.

184377 to 184381. *FRAGARIA*. Rosaceae.

Strawberry.

Plants.

184377. *Silva*.

184380. No. 636.

184378. *Inga*.

184381. N-86.

184379. No. 650.

184382. *MALUS*. Malaceae.

A-2. Budwood.

**184383. *SANSEVIERIA* sp. Liliaceae.**

From Nyasaland. Roots presented by E. Lawrence, Department of Agriculture,  
Somba. Received Sept. 12, 1949.

Originally from the Port Herald hills area.

**184384. *TRIFOLIUM FRAGIFERUM* L. Fabaceae. Strawberry clover.**

From Australia. Seeds purchased from F. H. Brunning Pty., Ltd., Melbourne,  
Victoria. Received Sept. 12, 1949.

**184385 and 184386.**

From British Guiana. Seeds presented by H. M. Beachell, Georgetown. Received  
Sept. 13, 1949.

184385. *ALYSICARPUS VAGINALIS* (L.) DC. Fabaceae.

Alyceclover.

184386. *ORYZA SATIVA* L. Poaceae.

Rice.

**184387 to 184434.**

From China. Bulbs collected by Joseph F. Rock, Harvard-Yenching Institute  
of Cambridge, Mass. Received Aug. 29, 1949.

184387. *HEMEROCALLIS* sp. Liliaceae.

184388 to 184393. *LILIUM BAKERIANUM* Coll. & Hemsl. Liliaceae.

184388. No. 1.

184391. No. 4.

184389. No. 2.

184392. No. 5.

184390. No. 3.

184393. No. 6.

184394 and 184395. *LILIUM BROWNII* Poit.

Brown lily.

184394. No. 1.

184395. No. 2.

184396 to 184399. *LILIUM DAVIDII* Duchartre.

184396. No. 1.

184398. No. 3.

184397. No. 2.

184399. No. 4.

184400 and 184401. *LILIUM GIGANTEUM* Wall.

Giant lily.

184400. No. 1.

184401. No. 2.

184402 to 184408. *LILIUM LANKONGENSE* Franch.

184402. No. 1.

184406. No. 5.

184403. No. 2.

184407. No. 6.

184404. No. 3.

184408. No. 7.

184405. No. 4.

184409. *LILIUM MYRIOPHYLLUM* Franch.

## 184387 to 184434—Continued

184410 and 184411. *LILIUM OCHRACEUM* Franch.

184410. No. 1.

184411. No. 2.

184412 and 184413. *LILIUM PAPILLIFERUM* Franch.

184412. No. 1.

184413. No. 2.

184414. *LILIUM SARGENTIAE* Wilson.

Sargent lily.

184415. *LILIUM* sp.184416. *LILIUM* sp.184417. *LILIUM* sp.184418. *LILIUM* sp.184419. *LILIUM* sp.184420. *LILIUM* sp.

Rare.

184421 to 184425. *LILIUM STEWARTIANUM* Balf. f. & W. W. Sm.

184421. No. 1.

184424. No. 4.

184422. No. 2.

184425. No. 5.

184423. No. 3.

184426 to 184429. *LILIUM TALIENSE* Franch.

184426. No. 1.

184428. No. 3.

184427. No. 2.

184429. No. 4.

184430. *NOMOCHARIS* sp.184431. *NOMOCHARIS* sp.184432. *NOMOCHARIS* sp.184433. *NOMOCHARIS* sp.184434. *NOMOCHARIS* sp.184435 to 184443. *SACCHARUM*. Poaceae.

Sugarcane.

From the Union of South Africa. Cuttings presented by the Sugar Experiment Station, Mount Edgecombe, Natal. Received Sept. 16, 1949.

184435. *Agaul*.184440. *Khakai*.184436. *Black Tanna*.184441. *Kham*.184437. *China*.184442. *Oglis Selection*.

184438. C. P. 291291.

184443. *Zwinga*.184439. *Horne*.184444 to 184453. *BRASSICA* spp. Brassicaceae.

From Germany. Seeds presented by Dr. Wilhelm Rudorf, Max-Planck Institute, Hannover. Received Sept. 16, 1949.

184444 to 184451. *BRASSICA*.184444. No. 5. *Str. 118*. (*Rubsen 2n* × *Futterkohl 2n*) × *Lembkes Raps*.184445. No. 66. Selection of *Str. 118*.184446. No. 2. *Str. 118*; (*Rubsen 2n* × *Futterkohl 2n*) × *Lt. 273*.184447. No. 27. *Str. 259* × *Str. 118*.184448. No. 16. *Str. 104*; (*Brassica campestris 2n* × *Futterkohl 4n*) × *Lembkes Raps*.

**184444 to 184453—Continued****184444 to 184451—Continued**184449. No. 33. *Str.* 259.  $\times$  *Str.* 104.184450. No. 34. *Lembkes Raps*  $\times$  *Str.* 59; (*Futterkohl*  $4n$   $\times$  *Brassica campestris*  $4n$ ).184451. No. 40. *Str.* 259  $\times$  *Str.* 305 (*Brassica campestris*  $2n$   $\times$  *Futterkohl*  $2n$ ).184452. *BRASSICA* sp.

No. 1236.

184453. *BRASSICA* sp.

No. 1247.

**184454 to 184481. MEDICAGO spp. Fabaceae.**

From Spain. Seeds presented by H. Leons Jordans, Madrid. Received Sept. 16, 1949.

184454. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

184455. *MEDICAGO ARBOREA* L.184456. *MEDICAGO ASCHERSONNIANA* Urban.184457. *MEDICAGO CRETACEA* Bieb.184458. *MEDICAGO DECANDOLLEI* Tineo.184459. *MEDICAGO DISCIFORMIS* DC.184460. *MEDICAGO ECHINUS* DC.184461. *MEDICAGO FALCATA* L.

Yellow-flowered alfalfa.

184462. *MEDICAGO GLOBULOSA* Desv.184463. *MEDICAGO HISPIDA* Gaertn.

Burclover.

184464. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban.184465. *MEDICAGO LACINIATA* Mill.184466. *MEDICAGO LUPULINA* L.184467. *MEDICAGO MINIMA* L.184468. *MEDICAGO MURICATA* All.184469. *MEDICAGO OBSCURA* var. *HELIX* (Willd.) Urban.184470. *MEDICAGO PRAECOX* DC.184471. *MEDICAGO PROSTRATA* Jacq.184472. *MEDICAGO RIGIDULA* Desr.184473. *MEDICAGO SATIVA* L.

Alfalfa.

184474. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

184475. *MEDICAGO* sp.184476. *MEDICAGO STRIATA* Bast.184477. *MEDICAGO SUFFRUTICOSA* Ram.184478. *MEDICAGO TENOREANA* Seringe.184479. *MEDICAGO TRIBULOIDES* Desr.184480. *MEDICAGO TUBERCULATA* (Retz.) Willd.184481. *MEDICAGO TURBINATA* (L.) All.**184482. STROPHANTHUS HISPIDUS DC. Apocynaceae.**

From England. Plants presented by the Royal Botanic Gardens, Kew. Received Sept. 19, 1949.

**184483 to 184491.**

From India. Seeds presented by the New York Botanical Garden, New York.  
N. Y. Received Sept. 21, 1949.

Collected by the Kingdon-Ward Expedition in Northeastern India.

184483. *ALBIZZIA* sp. Mimosaceae.

K. W. 18488.

184484. *DESMODIUM* sp. Fabaceae.

K. W. 17787.

184485. *DESMODIUM* sp.

K. W. 17880.

184486. *DESMODIUM* sp.

K. W. 17920.

184487. *DESMODIUM* sp.

K. W. 17952.

184488. *DESMODIUM* sp.

K. W. 18048.

184489. *DESMODIUM* sp.

K. W. 18060.

184490. *DESMODIUM* sp.

No. 18353.

184491. *SHUTERIA* sp. Fabaceae.

No. 17785.

**184492 and 184493. *Gossypium* spp. Malvaceae.****Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Shambe. Received Sept. 22, 1949.

184492. *Gossypium areysianum* (Defflers) Hutch.

184493. *Gossypium somalense* (Guerke) J. B. Hutch.

**184494 to 184506. *Oryza sativa* L. Poaceae.****Rice.**

From Japan. Seeds collected by E. B. Coffman, Natural Resources Section GHQ, SCAP, APO 500, San Francisco, Calif. Received Sept. 23, 1949.

184494. *Aomorimochi* No. 14.

184501. Scented A.

184495. *Fujisaki* No. 1.

184502. *Hainuzuka*. Scented B.

184496. *Fujisaki* No. 2.

184503. *Edomen*. Scented.

184497. *Fujisaki* No. 3.

184504. *Shiratama*. Scented.

184498. *Fujisaki* No. 4.

184505. *Shimezumochi*.

184499. *Fujisaki* No. 5.

184506. *Somewake*.

184500. *Kyuhei* No. 2.

**184507. *Prunus mahaleb* L. Rosaceae.****Mahaleb cherry.**

From Switzerland. Seeds presented by Dr. S. Blumer, Wädenswil. Received Sept. 23, 1949.

**184508 to 184545. *Triticum* spp. Poaceae.****Wheat.**

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received Sept. 23, 1949.

## 184508 to 184545—Continued

184508 to 184524. *TRITICUM AESTIVUM* L.

Common wheat.

184508 to 184512. Received as var. *ferrugineum*.184508. No. 3122. *Manzanares*.184509. No. 3123. *Touzele Rouge*.184510. No. 3124. *Ardito*.184511. No. 3125. *Ettore Fieramosca*.184512. No. 3133. *H. 51*.184513. No. 3262. *Ricco* × *Barbela*. Received as var. *lutescens*.184514 to 184516. Received as var. *erythrospermum*.184514. No. 3330. *Temporão de Coruche* × *Mocho de Espiga Branca*.184515. No. 3331. *Barbela Grosse* × *Indiano*.184516. No. 3334. *Barbela* × *Cologne*.184517 and 184518. Received as var. *ferrugineum*.184517. No. 3351. *Mocho de Espiga Branca* × *Galego Barbado*.184518. No. 3359. *Temporão de Coruche* × *Mocho de Espiga Branca*.184519 to 184524. Received as var. *lutescens*.184519. No. 3430. *T. No. 5*.184520. No. 3432. *H. No. 6*.184521. No. 3433. *H. No. 8*.184522. No. 3457. *Arrancada jl*.184523. No. 3515. *Hibrido Natural Rod. 6*.184524. No. 3516. *Hibrido Natural Rod. 7*.184525 to 184545. *TRITICUM DURUM* Desf.

Durum wheat.

184525. No. 2890. *Entrelargo de Montijo*. Received as var. *fulvo-provinciale*.184526. No. 2909. *Gigante Ingles*. Received as var. *melanopus*.184527. No. 2918. *Raspinegro*. Received as var. *apulicum*.184528. No. 3169. *Marrocos 110*. Received as var. *leucomelan*.184529. No. 3187. *Duro da America*. Received as var. *hordeiforme*.184530. No. 3196. *Orihuela*. Received as var. *erythromelan*.184531. No. 3197. *Marrocos*. Received as var. *coerulescens*.184532 and 184533. Received as var. *melanopus*.184532. No. 3199. *Russia*.184533. No. 3206. *Marrocos No. 16*.184534 to 184538. Received as var. *coerulescens*.184534. No. 3219. *Marrocos No. 40*.184535. No. 3221. *Marrocos No. 182*.184536. No. 3224. *Medeah*.184537. No. 3226. *Jenah Retifah 24*.184538. No. 3227. *Dur de Medeah*.184539. No. 3228. *Medeah* × *Kahla*. Received as var. *lybicum*.184540. No. 3427. *H. M. 3*. Received as var. *leucomelan*.184541 and 184542. Received as var. *lybicum*.184541. No. 3428. *H X N 2*.184542. No. 3429. *H. N. 1*.

**184508 to 184545—Continued****184525 to 184545—Continued**184543. No. 3471. *Arrancada F3*. Received as var. *leucurum*.184544. No. 3534. *Hibrido Natural Rod. 26*. Received as var. *affine*.184545. No. 3543. *Hibrido Natural Rod. 37*. Received as var. *lybicum*.**184546 to 184548.**

From Denmark. Seeds presented by the Plant Breeding Station, Taastrup. Received Sept. 26, 1949.

184546 and 184547. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

184546. *Otojte* No. 1.184547. *Otojte* No. 2.184548. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

*Otojte*.**184549 to 184560.**

From Finland. Seeds presented by Prof. Vilho A. Pesola, Jokioinen. Received Sept. 27, 1949.

184549. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

184550. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

184551 to 184560. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

184551. *Aa* 6.184556. *Muurla*.184552. *Espoo* No. 1.184557. *Parainen*.184553. *Espoo* No. 2.184558. *Pohja*.184554. *Iitti*.184559. *Punkalaidun*.184555. *Kausala*.184560. *Vanaja*.**184561 and 184562. VITIS VINIFERA** L. Vitaceae. **European grape.**

From Peru. Cuttings presented by the Centro Nacional de Investigación y Experimentación Agrícola, La Molina, Lima. Received Sept. 27, 1949.

184561. *Italia Blanca*.184562. *Malaga Rosada*.**184563 to 184650. TRITICUM** spp. Poaceae.

Wheat.

From Portugal. Seeds presented by the Estação Agronômica Nacional, Sacavém. Received Sept. 27, 1949.

184563 to 184639. *TRITICUM AESTIVUM* L.

Common wheat.

184563 to 184568. Received as var. *lutescens*.184563. No. 2678. *Bento*.184566. No. 2683. *Mocho Cabecudo*.184564. No. 2679. *Estação*.184567. No. 2685. *Mocho ou Rapado*.184565. No. 2680. *Mocho de*184568. No. 2686. *Santareno*.*Espiga Branca*.184569 to 184572. Received as var. *milturum*.184569. No. 2687. *Alentejano*.184571. No. 2691. *Galego Rapado*.184570. No. 2688. *Eborense*.184572. No. 2695. *Mocho de Espiga Ruiva*.184573. No. 2698. *Grecia*. Received as var. *graecum*.184574 and 184575. Received as var. *albidum*.184574. No. 2937. *Australiano de Espiga Branca*.184575. No. 2944. *Aussia*.



## 184563 to 184650—Continued

## 184563 to 184639—Continued

184576 to 184593. Received as var. *lutescens*.

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| 184576. No. 2966. <i>Italo Giglioli.</i>               | 184585. No. 2988. <i>Power 13.</i>                           |
| 184577. No. 2971. <i>Alemão.</i>                       | 184586. No. 2989. <i>Rubi 14.</i>                            |
| 184578. No. 2972. <i>Gironde.</i>                      | 184587. No. 2990. <i>XIII t. 1.</i>                          |
| 184579. No. 2974. <i>Francineto.</i>                   | 184588. No. 2991. <i>III a 2622.</i>                         |
| 184580. No. 2977. <i>Varrone.</i>                      | 184589. No. 2995. <i>Uruguay de</i><br><i>Espiga Branca.</i> |
| 184581. No. 2981. <i>Manitoba.</i>                     | 184590. No. 2999. <i>P. L. M.</i>                            |
| 184582. No. 2983. <i>Peragis.</i>                      | 184591. No. 3000. <i>Australia.</i>                          |
| 184583. No. 2985. <i>Richelle</i><br><i>de Naples.</i> | 184592. No. 3001. <i>Australia.</i>                          |
| 184584. No. 2987. <i>Marquillo 15.</i>                 | 184593. No. 3002. <i>Virgilio.</i>                           |

184594. No. 3026. *Gentil Rosso.*184595. No. 3031. *XII y.*184596 to 184600. Received as var. *milturum*.

184596. No. 3032. *III a 264.*  
 184597. No. 3033. *William Som.*  
 184598. No. 3035. *Uruguay.*  
 184599. No. 3036. *Touzelle Rouge Province.*  
 184600. No. 3045. *Florence × Pusa 8428.*

184601 and 184602. Received as var. *graecum*.

184601. No. 3047. *Candeal Castela.*  
 184602. No. 3049. *3CX 3 C.*

184603 to 184607. Received as var. *erythrospermum*.

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|---------------------------------------|----------------------------------|
| 184603. No. 3081. <i>Molle 11.</i>    | 184606. No. 3085. <i>H. 22A.</i> |
| 184604. No. 3082. <i>Molle I.</i>     | 184607. No. 3086. <i>38 M.</i>   |
| 184605. No. 3083. <i>IV C 3 (17).</i> |                                  |

184608 to 184618. Received as var. *lutescens*.

184608. No. 3236. *Peragis Sommerweizen.*  
 184609. No. 3237. *Janczki's Sommerweizen.*  
 184610. No. 3244. *Tremes Ruivo × Mocho de Espiga Branca.*  
 184611. No. 3245. *Galego Rapado × Magueija.*  
 184612. No. 3246. *Mocho de Espiga Quadrada × Magueija.*  
 184613. No. 3248. *Vila Glori × Barbela.*  
 184614. No. 3251. *Temporão de Coruche × Mocho de Espiga Branca.*  
 184615. No. 3254. *Mila Glori × Mocho de Espiga Branca.*  
 184616. No. 3255. *Mocho de Espiga Quadrada × Galego Rapado.*  
 184617. No. 3257. *Mocho de Espiga Branca × Riccio.*  
 184618. No. 3260. *Indiano × Mocho de Espiga Branca.*

184619 to 184623. Received as var. *militurum*.

184619. No. 3278. *Hibrido Natural.*  
 184620. No. 3280. *Mocho de Espiga Branca × Galego Barbado.*  
 184621. No. 3281. *Galego Rapado × Temporão de Coruche.*  
 184622. No. 3284. *Galego Rapado × Magueija.*  
 184623. No. 3288. *Temporão de Coruche × Mocho de Espiga Branca.*

## 184563 to 184650—Continued

## 184563 to 184639—Continued

184624 to 184631. Received as var. *erythrospermum*.184624. No. 3336. *Indiano* × *Mocho de Espiga Branca*.184625. No. 3339. *Riccio* × *Barbela*.184626. No. 3340. *Ardito* × *Mocho de Espiga Branca*.184627. No. 3451. *H. P.* × *C* 79.184628. No. 3462. *Arrancada J6*.184629. No. 3518. *Hibrido Natural Rod.* 9.184630. No. 3519. *Hibrido Natural Rod.* 10.184631. No. 3588. *Webster C* 1 3780.184632 to 184634. Received as var. *lutescens*.184632. No. 3589. *Holzapfeis Fruh*.184633. No. 3590. *Vilmorin 23*.184634. No. 3591. *Heines Kolben*.184635 to 184639. Received as var. *ferrugineum*.184635. No. 3599. *Brevit.* 184638. No. 3605. *Mediterranean*.184636. No. 3600. *Webster.* 184639. No. 3621. *Greece* 18.184637. No. 3601. *Loros*.184640 to 184643. *TRITICUM DURUM* Desf.

Durum wheat.

184640 and 184641. Received as var. *reichenbachii*.184640. No. 2862. *Durazio Molar Glabro*.184641. No. 2863. *Marques*.184642. No. 2888. *Verdeal Rijo*. Received as var. *provinciale*.184643. No. 2894. *Mourisco Preto de Grao Escura*. Received as var. *obscurum*.184644 to 184650. *TRITICUM TURGIDUM* L.

Poulard wheat.

184644. No. 2795. *Nacional*. Received as var. *lusitanicum*.184645. No. 2800. *Novo*. Received as var. *gentile*.184646. No. 2820. *Sicilio*. Received as var. *megalopolitanum*.184647 to 184649. Received as var. *iodorum*.184647. No. 2831. *Barba de Lobo*.184648. No. 2833. *Dezassete*.184649. No. 3160. *Petaniel Noir de Nice*.184650. No. 3426. *H. M. 4*. Received as var. *speciosum*.184651. *RUELLIA BRITTONIANA* Leonard. *Acanthaceae*.

From Mississippi. Seeds collected by B. Y. Morrison, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 28, 1949.

Near Pass Christian.

## 184652 to 184668.

From Liberia. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 30, 1949.

184652. (Undetermined.)

No. 69. *Monrovia*. (Plants.)

**184652 to 184668—Continued**

184653. *CRINUM* sp. Amaryllidaceae.

Near Pallelah. (Bulbs.)

184654. *CYANOTIS* sp. Commelinaceae.

(Plants.)

184655. *CYANOTIS* sp.

Near Sanokwele. (Cuttings.)

184656. *CYANOTIS* sp.

Near Monrovia. (Plants.)

184657. *GLADIOLUS* sp. Iridaceae.

(Bulbs.)

184658. *GLORIOSA* sp. Liliaceae.

Near Sanokwele. (Bulbs.)

184659. *MUSSAENDA ERYTHROPHYLLA* Schum. & Thonn. Rubiaceae.

No. 60. (Plants.)

184660. *STROPHANTHUS BARTERI* Franch. Apocynaceae.

No. 68. Ganta. (Cuttings.)

184661 to 184663. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill.

184661. No. 63. (Plants.)

184662. No. 64. (Plants and cuttings.)

184663. No. 65. (Plants.)

184664 and 184665. *STROPHANTHUS HISPIDUS* DC.

184664. No. 61. (Plants.)

184665. No. 62. Sanokwele. (Plants.)

184666 to 184668. *STROPHANTHUS SARMENTOSUS* DC.

184666. No. 66. (Plants.)

184667. No. 67. Sanokwele. (Plants.)

184668. No. 70. Monrovia. (Plants and cuttings.)

**184669 and 184670.**

From Switzerland. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 30, 1949.

184669. *CAPSICUM FRUTESCENS* L. Solanaceae.

**Redpepper.**

Geneva. Aug. 12, 1949. Fruit large and yellow.

184670. *MEDICAGO TUBERCULATA* (Retz.) Willd. Fabaceae.

Botanical Garden, University of Basel, Basel. Aug. 10, 1949. Cultivated.

**184671 to 184673.**

From Liberia. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 30, 1949.

Collected in 1949.

184671. *SESAMUM INDICUM* L. Pedaliaceae.

**Sesame.**

*Dumbo*. Village near Roberts Field, Montserrado County. Aug. 21. Plant 6 feet high with white flowers.

184672. *SESAMUM RADIATUM* Schum.

Brewersville, Montserrado County. Aug. 25. Plants up to 4 feet high with pink flowers.

**184671 to 184673—Continued**184673. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.**Cowpea.**

Near Roberts Field. Aug. 21. Single plant, climbing to 10 feet high.

**184674 to 184676.**

From Iran. Seeds presented by the Ministry of Agriculture, Iraq. Received Sept. 30, 1949.

184674. *BETA VULGARIS* L. Chenopodiaceae.**Beet.**184675 and 184676. *ORYZA SATIVA* L. Poaceae.**Rice.**

184675. No. 1.

184676. No. 2.

**184677 to 184681.**

From Canada. Bulbs presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received Oct. 3, 1949.

184677. *AMARYLLIS* sp. Amaryllidaceae.184678 to 184681. *LILIUM*. Liliaceae.**Lily.**184678. *Lilium dauricum* var. *luteum* × *philadelphicum*.184679. *Lilium dauricum* var. *luteum* × *philadelphicum* var. *luteum*.184680. *Flame*.184681. *Glacier*.**184682 to 184687. TRIFOLIUM HYBRIDUM L. Fabaceae.****Alsike clover.**

From Germany. Seeds presented by Dr. Wilhelm Rudolf, Max-Planck Institute, Hanover. Received Oct. 3, 1949.

184682. *Buren*.184685. *NR. 305*.184683. *HAF 331*.184686. *Sopienhof*.184684. *NR. 302*.184687. *16/448 Harders*.**184688. LOLIUM MULTIFLORUM Lam. Poaceae. Italian ryegrass.**

From New Zealand. Seeds presented by the Department of Scientific Research, Lincoln. Received Oct. 3, 1949.

**184689. DAPHNE TANGUTICA Maxim. Thymelaeaceae.**

From Canada. Plants presented by the Skinner Nursery, Dropmore, Manitoba. Received Oct. 4, 1949.

**184690 to 184729.**

From India. Seeds presented by the American Consulate General, Bombay. Received Oct. 5, 1949.

184690 to 184709. *NICOTIANA RUSTICA* L. Solanaceae.**Aztec tobacco.**184690. *Barsar*.184700. *Rustica T 28*.184691. *Bhagwan*.184701. *S. 4*.184692. *Bombay No. 1*.184702. *S. 28*.184693. *Bombay No. 2*.184703. *S. 35*.184694. *Dehra-Gopipur*.184704. *S. 51*.184695. *Garhi No. 2*.184705. *S. 64*.184696. *Hansi*.184706. *S. 65*.184697. *Hansi No. 2*.184707. *Shahzadpur*.184698. *Mdakot Nunu*.184708. *Sजार*.184699. *Pa Lewal*.184709. *Sonepat*.

**184690 to 184729—Continued**

184710 to 184729. NICOTIANA.

184710. *Borneo Sumatra.*184711. *Connecticut Broadleaf.*184712. *Hickory Proir.*184713. *Hukka.* F. D. Local.184714. *Hukka.* I. P. 18.184715. *Manilla.*184716. *Matihari.*184717. *Moghi.*184718. *Muricha I.*184719. *Muricha II.*184720. *Ohio.*184721. *Pusa Hybrid 142.*184722. *Pusa Hybrid 177.*184723. *Rustica* T. 18.

184724. T. 63.

184725. Culture No. 32-2-5-2.

184726. Culture No. 58-3-5.

184727. *Vuelta.*184728. *Warner.*184729. *Zimmer's Spanish.***184730 to 184737.**

From the Gold Coast. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 6, 1949.

Cuttings, unless otherwise noted.

184730. STERCULIA LANCEOLATA Cav. Sterculiaceae.

Aburi Gardens. (Seeds.)

184731. STROPHANTHUS GRATUS (Wall. &amp; Hook.) Baill. Apocynaceae.

No. 75. Aburi Gardens near Accra.

184732 to 184734. STROPHANTHUS HISPIDUS DC.

184732. No. 76. Aburi Hills.

184733. No. 82. Aburi Hills.

184734. No. 63. Aburi Hills.

184735 to 184737. STROPHANTHUS SARMENTOSUS DC.

184735. No. 77. Accra Plains.

184736. No. 78. Accra Plains.

184737. No. 81. Aburi Hills.

**184738 and 184739. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From France. Seeds presented by the American Embassy, Paris. Received Oct. 6, 1949.

184738. No. 1.

184739. No. 2.

**184740 and 184741.**

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Oct. 6, 1949.

184740. ENNEAPOGON CENCHROIDES (Licht.) C. E. Hubb. Poaceae.

184741. ERAGROSTIS sp. Poaceae.

**184742 and 184743. ZEA MAYS L. Poaceae.****Corn.**

From Indochina. Seeds presented by the Conseiller Technique a l'Agriculture au Cambodia, Cambodia. Received Oct. 6, 1949.

184742. Seeds yellow.

184743. Seeds white.

**184744 to 184746.**

From Austria. Seeds presented by Heine Jungbauer, Vienna. Received Oct. 7, 1949.

184744. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

SK 22. Sweet little Hungarian melon.

184745. *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. Squash.

184746. *CUCURBITA PEPO* L. Pumpkin.

184747. *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.

From El Salvador. Seeds presented by the Ministerio de Agricultura e Industria, San Salvador. Received Oct. 18, 1949.

184748. *MALUS PLATYCARPA* Rehd. Malaceae. Crabapple.

From Maryland. Fruits collected by F. C. Bradford and L. P. McCann, United States Plant Introduction Garden, Glenn Dale. Received Sept. 20, 1949.

From uniform stand of wild crabapple at Rosedale, Baltimore.

**184749 to 184760.**

From Australia. Seeds presented by William Hartley, Council for Scientific and Industrial Research, Canberra. Received Oct. 7, 1949.

184749. *BRACHIARIA MUTICA* (Forsk.) Stapf. Poaceae.

184750. *CALAMAGROSTIS VIRIDI-FLAVESCENS* (Poir.) Steud. Poaceae.

184751. *CHAETURUS FASCICULATUS* Link. Poaceae.

184752. *EHRHARTA ERECTA* Lam. Poaceae.

184753. *MEDICAGO TURBINATA* (L.) All. Fabaceae.

184754. *PHLEUM PHLEOIDES* (L.) Karst. Poaceae. Timothy.

184755. *PIPTOCHAETIUM RUPRECHTIANUM* Desv. Poaceae.

184756. *PIPTOCHAETIUM STIPOIDES* (Trin. & Rupr.) Arech.

184757. *POA IRIDIFOLIA* Hauman. Poaceae.

184758. *SESBANIA BISPINOSA* (Jacq.) W. F. Wight. Fabaceae.

184759. *STIPA HYALINA* Nees. Poaceae. Feathergrass.

184760. *TRIODIA BRASILIENSIS* (Nees) Lindm. Poaceae.

184761. *CITRUS AURANTIFOLIA* (Christm.) Swingle. Rutaceae. Lime.

From Israel. Seeds presented by the Jewish Agency for Palestine, Rehovot. Received Oct. 7, 1949.

184762 to 184774. *SOLANUM* spp. Solanaceae.

From Mexico. Tubers collected by J. G. Hawkes, University of Cambridge, England. Received Oct. 7, 1949.

Collected in 1949.

184762. *SOLANUM SAMBUCINUM* Rydb.

No. 1086. San Juan del Río, Querétaro. Aug. 25. Plant stunted; leaves 1- or 2-jugate; flowers white; tubers roundish to 2 by 2 by 1.5 cm.

184763. *SOLANUM PINNATISECTUM* Dun.

No. 1088. Near Querétaro, Querétaro State. Aug. 26. Tubers with dark brown-purple skin and large raised lenticels.

184764. *SOLANUM PINNATISECTUM* Dun.

No. 1093. León, Guanajuato. Aug. 30. Plants 6- to 8-jugate; flowers white, stellate; tubers with large protruding lenticels, older tubers flushed with blue-purple pigment.

## 184762 to 184774—Continued

184765. *SOLANUM CARDIOPHYLLUM* Lindl.

No. 1095. Road from Guadalajara to San Luis Potosí, 201 km. from Guadalajara, Jalisco. Aug. 31. Tubers round, smooth.

184766. *SOLANUM CARDIOPHYLLUM* Lindl.

No. 1096. Matanzas, Jalisco, 238 km. from Guadalajara on the highway to San Luis Potosí. Aug. 31. Tubers of a better flavor than the cultivated potatoes.

184767. *SOLANUM CARDIOPHYLLUM* Lindl.

No. 1097. Hills south of San Luis Potosí, San Luis Potosí State, 322 km. from Guadalajara on highway to San Luis Potosí. Aug. 31. Tubers soft, pale-yellow.

184768. *SOLANUM POLYTRICHON* Rydb.

No. 1098. Canoas, 320 km. from Guadalajara on road to San Luis Potosí, San Luis Potosí State. Sept. 1. Plants rosette-like or with stems, very hairy. Flowers rotate, white; tubers with very pale skin, round to oval.

184769. *SOLANUM CARDIOPHYLLUM* Lindl.

No. 1099. Aguascalientes State, north of Aguascalientes, on track to San Lorenzo, about 5 km. from Aguascalientes-Zacatecas highway. Sept. 5. Tubers with yellowish-brown skin.

184770. *SOLANUM POLYTRICHON* Rydb.

No. 1101. Zacatecas State, Mexico-Zacatecas highway at 726.5 km. from Mexico City. Sept. 14. Plant very hairy; flowers white, tinged with mauve, pentagonal; tubers pale-brown. Said to be taken to market for selling for human consumption.

184771. *SOLANUM CARDIOPHYLLUM* var. *EHRENBERGII* (Bitt.) Correll.

No. 1102. Zacatecas State, Mexico-Zacatecas highway at 726.5 km. from Mexico City. Sept. 14. Corolla stellate, white or slightly mauve-tinged; tubers pale-brown.

184772. *SOLANUM POLYTRICHON* Rydb.

No. 1103. Zacatecas State, Zacatecas-Durango road, very near Zacatecas, Morelos. Sept. 15. Tubers up to 3 by 2.5 by 2 cm., oval to irregular, pale-brown, smooth-skinned.

184773. *SOLANUM POLYTRICHON* Rydb.

No. 1104. Zacatecas State, road to Durango from Zacatecas at Morelos. Sept. 15. Tubers pale-brown.

184774. *SOLANUM PINNATISECTUM* Dun.

No. 1105. Guanajuato State, about 12 km. from Dolores Hidalgo on Guanajuato road, Hernández. Sept. 16.

## 184775 to 184780.

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received Oct. 10, 1949.

184775. *CHLORIS GAYANA* Kunth. Poaceae.

Rhodes grass.

184776. *PANICUM* sp. Poaceae.

*Bambatsi*.

184777. *PANICUM* sp.

*Thilo*.

184778 and 184779. *PENNISETUM CILIARE* (L.) Link. Poaceae.

184778. No. 408.

184779. No. 409.

184780. *PENNISETUM* sp.

**184781 to 184785.**

From western Africa. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 1, 1949.

Collected in 1949.

184781. *CROTALARIA* sp. Fabaceae.

Mount Koiré near N'zérékoré, French Guinea. Sept. 7. Altitude 25,000 feet. Growing in open area on bald-topped mountain.

184782. *IMPATIENS IRVINGII* Hook. f. Balsaminaceae.

Near N'zérékoré, French Guinea. Sept. 8. Flowers pink.

184783. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

N'zérékoré, French Guinea. Sept. 6.

184784. *PISUM SATIVUM* L. Fabaceae.

Pea.

N'zérékoré, French Guinea. Sept. 6. Cultivated.

184785. *VIGNA* sp. Fabaceae.

Pallilah, Gbarnga District, Central Province, Liberia. Sept. 9. Wild type, spreading 10 feet from base; leaves mottled; flowers lavender, few.

**184786 to 184789. LACTUCA SATIVA L. Asteraceae. Lettuce.**

From the Netherlands. Seeds presented by C. M. Slikke, Government Horticultural Service, Leeuwarden. Received Oct. 12, 1949.

184786. *All-year-Round*.

184788. *Unrivaled* (seeds black).

184787. *Mayking*.

184789. *White Boston*.

**184790. SORGHUM SUDANENSE (Piper) Stapf. Poaceae.**

Sudan grass.

From El Salvador. Seeds presented by J. M. Watkins, Centro Nacional Agrónomo, San Salvador. Received Oct. 14, 1949.

**184791 to 184797. SACCHARUM. Poaceae.**

Sugarcane.

From Brazil. Cuttings presented by the Ministerio da Agricultura, Recife. Received Nov. 29, 1949.

184791. *Caiara*.

184795. *Pelo De Moca*.

184792. *Creoula*.

184796. *Pitu*.

184793. *Listaca*.

184797. *Vespertina*.

184794. *Manteiga*.

**184798. TRIGONELLA FOENUM-GRÆCUM L. Fabaceae. Fenugreek.**

From Iraq. Seeds presented by G. J. Pennings, Amarah. Received Nov. 29, 1949.

*Helba*.

**184799 to 184802.**

From Nigeria. Seeds collected by J. R. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 29, 1949.

From Agege.

184799 and 184800. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

184799. No. 1.

184800. No. 2.

184801. *CROTALARIA MUCRONATA* Desv. Fabaceae.

No. 13714.

184802. *TELFAIREA PEDATA* (J. E. Smith) Hook. Cucurbitaceae.



**184803. MEDICAGO SATIVA L. Fabaceae.****Alfalfa.**

From Iraq. Seeds presented by G. J. Pennings, Amarah. Received Nov. 30, 1949.

**184804. DACTYLIS GLOMERATA L. Poaceae.****Orchard grass.**

From the Netherlands. Seeds presented by the Central Bureau Cooperative, Hoofddorp. Received Dec. 1, 1949.

**184805. ERAGROSTIS CHLOROMELAS Steud. Poaceae.**

From the Union of South Africa. Seeds presented by an unknown donor, Johannesburg, Transvaal. Received Dec. 1, 1949.

**184806. SACCHARUM. Poaceae.****Sugarcane.**

From Cuba. Cuttings presented by an unknown donor, Jovellanos, Matanzas Province. Received Dec. 1, 1949.

*Badila.***184807 and 184808. STROPHANTHUS spp. Apocynaceae.**

From Liberia. Roots collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 2, 1949.

From French Creek, near Roberts Field.

**184807. STROPHANTHUS HISPIDUS DC.****184808. STROPHANTHUS SARMENTOSUS DC.****184809. PASPALUM sp. Poaceae.**

From Nigeria. Material collected by A. T. Semple, Food and Agriculture Organization, Washington, D. C. Received Dec. 5, 1949.

**184810. POA BULBOSA L. Poaceae.**

From Turkey. Seeds presented by the American Embassy, Ankara. Received Dec. 5, 1949.

**184811 to 184841. SOLANUM spp. Solanaceae.**

From Maryland. Plants growing at the Plant Introduction Garden, Glenn Dale. Numbered Oct. 19, 1949.

Separated from collections made by D. S. Correll in Mexico in 1948.

**184811. SOLANUM sp.**

No. 161120-B.

**184812 to 184817. SOLANUM STOLONIFERUM Schlecht.****184812. No. 161150-B.****184815. No. 161152-C.****184813. No. 161151-B.****184816. No. 161159-B.****184814. No. 161152-B.****184817. No. 161161-B.****184818 and 184819. SOLANUM DEMISSUM Lindl.****184818. No. 161168-B.****184819. No. 161168-C.****184820. SOLANUM STOLONIFERUM Schlecht.**

No. 161172-B.

**184821. SOLANUM TUBEROSUM L.****Potato.**

No. 161182-B.

**184822. SOLANUM STOLONIFERUM Schlecht.**

No. 161281-B.

**184823 and 184824. SOLANUM DEMISSUM Lindl.****184823. No. 161284-B.****184824. No. 161286-B.**

**184811 to 184841—Continued**

184825. SOLANUM.

No. 161286-C. *S. demissum* × *stoloniferum*.

184826 and 184827. SOLANUM TUBEROSUM L.

**Potato.**

184826. No. 161348-B.

184827. No. 161350-B.

184828. SOLANUM STOLONIFERUM Schlecht.

No. 161353-B.

184829. SOLANUM DEMISSUM Lindl.

No. 161365-B.

184830. SOLANUM sp.

No. 161685-B.

184831 and 184832. SOLANUM DEMISSUM Lindl.

184831. No. 161693-B.

184832. No. 161707-B.

184833 and 184834. SOLANUM VERRUCOSUM var. SPECTABILE Correll.

184833. No. 161709-B.

184834. No. 161710-B.

184835. SOLANUM VERRUCOSUM Schlecht.

No. 161714-B.

184836 and 184837. SOLANUM DEMISSUM Lindl.

184836. No. 161715-B.

184837. No. 161715-B.

184838. SOLANUM TUBEROSUM L.

**Potato.**

No. 161716-B.

184839 and 184840. SOLANUM DEMISSUM Lindl.

184839. No. 161719-B.

184840. No. 161732-B.

184841. SOLANUM BULBOCASTANUM Dun.

No. 161739-B.

**184842. RHODODENDRON ATLANTICUM** Rehder. Ericaceae.

From North Carolina. Seeds collected by S. F. Blake, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 25, 1949.  
Carolina Beach.

**184843 and 184844. MALUS SYLVESTRIS** Mill. Malaceae. **Apple.**

From France. Plants presented by an unknown donor. Received Oct. 19, 1949.

184843. *Calville Blanc*.184844. *Bewy Gifford*.**184845 and 184846. TRITICUM AESTIVUM** L. Poaceae.**Common wheat.**

From Guatemala. Seeds collected by Claud Horn, Office of Foreign Agricultural Relations, Washington, D. C. Received Feb. 7, 1949.

184845. *Criallo*. Altitude 7,000 feet.184846. *Criallo*. Altitude 7,900 feet.

**184847 to 184851. FRAGARIA. Rosaceae.****Strawberry.**

From Portugal. Seeds presented by Alfredo Moreira da Silva & Filhos, Porto.  
Received Oct. 21, 1949.

184847. No. 213. 184850. No. 233.

184848. No. 215. 184851. No. 237.

184849. No. 230.

**184852 and 184853.**

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Oct. 17, 1949.

184852. *STERCULIA DIVERSIFOLIA* Don. Sterculiaceae. **Black kurrajong.**

184853. *ZIZYPHUS MUCRONATA* Willd. Rhamnaceae. **Jujube.**

**184854 to 184864. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Austria. Seeds presented by the Harrach'sche Güterdirektion Prugg, Leitha. Received Oct. 21, 1949.

184854. *Austro Bankut.*

184855. *Kadolzer Winterweizen Stamm 3.*

184856. *Korneuburger Grannenweizen.*

184857. *Loosdorfer Winterweizen.*

184858. *Original Bankut.*

184859. *Probstdorfer Kolbenweizen.*

184860. *Tessile.*

184861. *Waltheri.*

184862. *Weisser Begranter Marchfelder Winterweizen.*

184863. *Winterkelbenweizen von Hoheneu.*

184864. *Winterweizen von Otterbach.*

**184865 to 184869. FRAGARIA. Rosaceae.****Strawberry.**

From Portugal. Plants presented by Alfredo Moreira da Silva & Filhos, Porto.  
Received Oct. 24, 1949.

184865. No. 222. 184868. No. 223.

184866. No. 227. 184869. No. 209.

184867. No. 221.

**184870 to 184886. HORDEUM DISTICHON L. Poaceae.****Barley.**

From Sweden. Seeds presented by the Institute of Genetics, Lund. Received Oct. 24, 1949.

184870. *Bracteatum.* 184879. *Erectoides* No. 16.

184871. *Bright Green* No. 2. 184880. *Erectoides* No. 23.

184872. *Bright Green* No. 3. 184881. *Golden.*

184873. *Calcaroides.* 184882. *Intermedium.*

184874. *Erectoides* No. 1. 184883. Lemma-like glumes.

184875. *Erectoides* No. 6. 184884. *Maja.*

184876. *Erectoides* No. 7. 184885. Short awned.

184877. *Erectoides* No. 13. 184886. *Ymer.* (0151367)

184878. *Erectoides* No. 14.

**184887. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.**

From the Netherlands. Seeds presented by the Centraal Bureau, Hoofddorp. Received Oct. 26, 1949.

Introduced as *L. westerwoldicum*.

**184888 to 184895. *LILIUM*. Liliaceae. Lily.**

From Canada. Seeds presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received Oct. 26, 1949.

184888. *Black Prince*.

184892. *Marhan*.

184889. *Callosum Luteum*.

184893. *Orange Princess*.

184890. *Glacier*.

184894. *Pink Hanson*.

184891. *Ivorine*.

184895. *Sutton Court*.

**184896 to 184899. *INDIGOFERA* spp. Fabaceae. Indigo.**

From El Salvador. Seeds presented by Dr. James M. Watkins, Estación Experimental, San Salvador. Received Oct. 21, 1949.

184896. *INDIGOFERA ENDECAPHYLLA* Jacq.

184897. *INDIGOFERA HIRSUTA* L.

184898. *INDIGOFERA MUCRONATA* DC.

184899. *INDIGOFERA* sp.

**184900 to 184902.**

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 28, 1949.

Collected in vicinity of Asuansi.

184900. *FLAGELLARIA* sp. Flagellariaceae.

No. 109.

184901. *STROPHANTHUS PREUSSII* Engl. & Pax. Apocynaceae.

No. 107.

184902. *STROPHANTHUS SARMENTOSUS* DC.

No. 108.

**184903 to 184909. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.**

From Guatemala. Tubers collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 28, 1949.

184903. Serchil, San Marcos.

184904. San José Flores, Huehuetenango. Altitude 8,000 to 9,000 feet.

184905. Hacienda Chancol, Huehuetenango. Altitude 11,000 feet.

184906. Near Pajiz, Huehuetenango, where Camero road branches to Todos Santos. Altitude 11,000 feet.

184907. San Mateo Ixtatán, Huehuetenango. Altitude 8,300 feet.

184908. *Bulej* No. 1. Aldea, San Mateo Ixtatán, Huehuetenango. Altitude 6,500 feet.

184909. *Bulej* No. 2. Aldea, San Mateo Ixtatán, Huehuetenango. Altitude 6,500 feet.

**184910 and 184911. *COFFEA* spp. Rubiaceae. Coffee.**

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 28, 1949.

184910. *COFFEA CONGENSIS* Froehn.

184911. *COFFEA EUGENIODES* S. Moore.

**184912 to 184927. SACCHARUM. Poaceae.****Sugarcane.**

From New Guinea. Cuttings presented by L. A. Bridgland, Port Moresby. Received Nov. 1, 1949.

184912. <i>Aifoh.</i>	184920. <i>Om.</i>
184913. <i>Akuni.</i>	184921. <i>Pawn.</i>
184914. <i>Anoman.</i>	184922. <i>Tarum.</i>
184915. <i>Dua-Onofa.</i>	184923. <i>Tatawarin.</i>
184916. <i>Jafawa.</i>	184924. <i>Ura.</i>
184917. <i>Kinkifa.</i>	184925. <i>Urufa.</i>
184918. <i>Kisho.</i>	184926. <i>Uvinda.</i>
184919. <i>Kumparura.</i>	184927. <i>Uwasano.</i>

**184928 to 184933.**

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 1, 1949.

From Kumasi.

184928. *MOTANDRA* sp. Apocynaceae.

No. 106.

184929 and 184930. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill. Apocynaceae.

184929. No. 103.

184930. No. 104.

184931 and 184932. *STROPHANTHUS PREUSSII* Engl. & Pax.

184931. No. 101.

184932. No. 102.

184933. *STROPHANTHUS SARMENTOSUS* DC.

No. 106.

**184934. AEGLE MARMELOS (L.) Correa. Rutaceae.**

From Ceylon. Cuttings presented by the Cinnamon Gardens, Colombo. Received Nov. 1, 1949.

A seedless variety.

**184935 to 184939.**

From the Netherlands. Seeds presented by the Central Bureau, Hoofddorp. Received Nov. 1, 1949.

184935. *DACTYLIS GLOMERATA* L. Poaceae.

**Orchard grass.**

*Kropaar CB.*

184936 to 184939. *TRIFOLIUM REPENS* L. Fabaceae

**White clover.**

184936. W. M. K. 47.7.

184938. W. M. K. 47.10

184937. W. M. K. 47.9.

184939. W. M. K. 46.12.

**184940 to 184947. BETA VULGARIS L. Chenopodiaceae.****Beet.**

From England. Plants presented by the Plant Breeding Institute, University of Cambridge, Cambridge. Received Nov. 2, 1949.

184940. *Carters Blood Red.*

184944. *Globe Nuttings Red.*

184941. *Carters Crimson Ball.*

184945. *Half Long Red.*

184942. *Cheltenham.*

184946. *White Otofte.*

184943. *Giant Half Sugar Rose.*

184947. *Yellow Otofte.*

**184948 to 184954.**

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 3, 1949.

184948. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.  
Kokoansi

184949. *CYPERUS ESCULENTUS* L. Cyperaceae. Chufa.  
Saltpond.

184950. *PERIPLOCA* sp. Asclepiadaceae.  
Asuansi.

184951 to 184953. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
From Kokoansi.

184951. No. 1.

184952. No. 2.

184953. No. 3.

184954. (Undetermined.)  
Anguare.

**184955 to 184962.**

From Tasmania. Seeds presented by H. Bolduan, Edith Creek. Received Nov. 3, 1949.

184955. *BROMUS* sp. Poaceae.

184956. *LOLIUM LOLIACEUM* (Bory & Chaub.) Hand.-Mazz. Poaceae.  
Wimmera ryegrass.

184957. *LOLIUM PERENNE* L. Perennial ryegrass.

184958. *PHLEUM PRATENSE* L. Poaceae. Timothy.

184959. *TRIFOLIUM FRAGIFERUM* L. Fabaceae. Strawberry clover.

184960. *TRIFOLIUM PRATENSE* L. Red clover.

184961. *TRIFOLIUM REPENS* L. White clover.

184962. *TRIFOLIUM SUBTERRANEUM* L. Subterranean clover.

**184963 to 184966. *TRITICUM AESTIVUM* L. Poaceae.  
Common wheat.**

From Sweden. Seeds presented by the Institute of Genetics, Lund. Received Nov. 3, 1949.

184963. *Triticale* × *Standard*. 184965. *Triticale* 1948-11.

184964. *Triticale* C × A. 184966. *Triticale* 1948-14.

**184967 to 184988.**

From Australia. Seeds presented by C. K. Vears, Sydney, New South Wales. Received Nov. 4, 1949.

184967. *ACACIA ANEURA* F. Muell. Fabaceae.

184968. *ACACIA DORATOXYLON* A. Cunn.

184969. *ACACIA OSWALDII* F. Muell.

184970. *ACACIA PENDULA* A. Cunn.

184971. *ACACIA SALICINA* Lindl.

184972. *ATRIPLEX CAMPANULATA* Benth. Chenopodiaceae.

**184967 to 184988—Continued**

184973. *ATRIPLEX HALIMOIDES* Tineo.  
 184974. *ATRIPLEX INCRASSATA* F. Muell.  
 184975. *ATRIPLEX LEPTOCARPA* F. Muell.  
 184976. *ATRIPLEX NUMMULARIA* Lindl.  
 184977. *ATRIPLEX PALUDOSA* R. Br.  
 184978. *ATRIPLEX SEMIBACCATA* R. Br.  
 184979. *ATRIPLEX* sp.  
 184980. *ATRIPLEX SPONGIOSA* F. Muell.  
 184981. *ATRIPLEX VESICARIA* Heward.  
 184982. *CASUARINA LEPIDOPHLOIA* F. Muell. Casuarinaceae.  
 184983. *DODONAEA ATTENUATA* A. Cunn. Sapindaceae.  
 184984. *EREMOPHILA* sp. Myoporaceae.  
 184985. *GELJERA PARVIFLORA* Lindl. Rutaceae.  
 184986. *KOCHIA PYRAMIDATA* Benth. Chenopodiaceae. Summer-cypress.  
 184987. *PITTSOPORUM PHILLYRAEOIDES* DC. Pittosporaceae. Willow pittosporum.  
 184988. *STERCULIA DIVERSIFOLIA* Don. Sterculiaceae. Black kurrajong.

**184989 to 184991. TRIFOLIUM HYBRIDUM L. Fabaceae.**  
**Alsike clover.**

From Sweden. Seeds presented by the Uppsala University, Uppsala. Received Nov. 7, 1949.

184989. A 0204.  
 184990. *Balingsta*.  
 184991. *Svalof's Srea*.

**184992 to 184994. TRITICUM AESTIVUM L. Poaceae.**  
**Common wheat.**

From Norway. Seeds presented by Erling Strand, Agricultural College of Norway, Vollebekk. Received Nov. 7, 1949.

184992. AS II.  
 184993. M-36.  
 184994. *Snogg* II.

**184995 to 185085.**

From Turkey. Seeds presented by Professor Vamik Taysi, Agricultural Institute, Ankara. Received Nov. 8, 1949.

- 184995 to 185029. *CANNABIS SATIVA* L. Moraceae. Hemp.  
 184995. No. 10868. Manyas, Balikesir.  
 184996. No. 10869. Pasakoyu, Corum.  
 184997. No. 10870. Vakibeyli, Yozgat.  
 184998. No. 10871. Odemis, Izmir.  
 184999. No. 10872. Seydikoy, Bucak, Burdur.  
 185000. No. 10873. Bayindir, Izmir.  
 185001. No. 10874. Ayran, Birecik, Urfa.  
 185002. No. 10875. Fatsa, Ordu.  
 185003. No. 10876. Kusca Terme, Samsun.

## 184995 to 185085—Continued

## 184995 to 185029—Continued

185004. No. 10877. Nazilli, Aydin.  
 185005. No. 10878. Burdur Province.  
 185006. No. 10879. Fatsa, Ordu.  
 185007. No. 10880. Taskopru, Kastamonu.  
 185008. No. 10881. Carsamba, Samsun.  
 185009. No. 10882. Taskopru, Kastamonu.  
 185010. No. 10883. Kastamonu Province.  
 185011. No. 10884. Akcalar, Seydisehir, Konya.  
 185012. No. 10885. Guzari, Akcaabat, Trabzon.  
 185013. No. 10886. Bursa Province.  
 185014. No. 10887. Caferli, Vakfikebir, Trabzon.  
 185015. No. 10888. Trfenni, Burdur.  
 185016. No. 10889. Kuybis, Taskopru, Kastamonu.  
 185017. No. 10890. Conya, Beysehir, Konya.  
 185018. No. 10890-A. Tire, Irmir.  
 185019. No. 10891. Buyuklu, Yavac, Isparta.  
 185020. No. 10893. Kirazli, Ikizdere, Kize.  
 185021. No. 10894. Karadzu, Sarikisla, Sivas.  
 185022. No. 10895. Dikice, Dinas, Ayfon.  
 185023. No. 10896. Engure, Orhaneli, Bursa.  
 185024. No. 10897. Keciborlu, Isparta.  
 185025. No. 10898. Bayut, Iskilip, Corum.  
 185026. No. 10899. Yesilova, Burdur.  
 185027. No. 10900. Van Province.  
 185028. No. 10901. Lakahamuruk, Trabzon.  
 185029. No. 10902. Erdeluh, Salihli, Manisa.
185030. CITRULLUS VULGARIS Schrad. Cucurbitaceae. **Watermelon.**  
 No. 10911. Erzincan Province.
185031. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**  
 No. 10909. Erzincan Province.
185032. CUCURBITA PEPO L. Cucurbitaceae. **Pumpkin.**  
 No. 10910. Erzincan, Erzincan. Sweet type.
185033. CUCURBITA PEPO L.  
 No. 10912. Erzincan, Erzincan. Dark-colored type.
185034. HELIANTHUS ANNUUS L. Asteraceae. **Sunflower.**  
 No. 10906. Erzincan, Erzincan.
185035. LENS CULINARIS Medic. Fabaceae. **Lentil.**  
 No. 10866. Bayramic, Canakkale.
185036. NICOTIANA TABACUM L. Solanaceae. **Tobacco.**  
 No. 10867. *Tutun*. Gaziantep Province.
185037. PANICUM MILIACEUM L. Poaceae. **Proso.**  
 No. 10907. *Dari*. Erzincan, Erzincan.



## 184995 to 185085—Continued

185038. *PIMPINELLA ANISUM* L. *Apiaceae*. Anise.  
No. 10919. Engure, Orphaneli, Bursa.
185039. *SETARIA GLAUCA* (L.) Beauv. *Poaceae*.  
No. 10916. Gumusane Province.
185040. *VICIA ERVILIA* (L.) Willd. *Fabaceae*. Vetch.  
No. 10913. Erzincan, Erzincan.
185041. *VICIA SATIVA* L. Common vetch.  
No. 10908. Erzincan, Erzincan.
- 185042 to 185074. *ZEA MAYS* L. *Poaceae*. Corn.
185042. No. 10833. Persembe, Ordu. Seeds large, white.
185043. No. 10834. Persembe. Seeds medium small, yellow.
185044. No. 10835. Tuzaki, Gonen, Balikesir. Seeds medium, yellow.
185045. No. 10836. Elmalı, Antalya. Seeds small, yellow.
185046. No. 10837. Haskoy, Mudanya, Bursa. Seeds medium, yellow.
185047. No. 10838. Derekoyu, Mudanya. Seeds large, yellow.
185048. No. 10839. Derekoyu. Seeds large, yellow.
185049. No. 10840. Yesilkoy Seed Improvement Station, Istanbul, Istanbul.  
Seeds small, red.
185050. No. 10841. Yesilkoy Seed Improvement Station, Istanbul, Istanbul.  
Seeds medium small, yellow.
185051. No. 10842. Kemalpaşa, Izmir. Seeds medium, white.
185052. No. 10843. Kemalpaşa, Izmir. Seeds large, yellow.
185053. No. 10844. Deneme Tarlası, Ordu. Seeds medium small, yellow.
185054. No. 10845. Deneme Tarlası, Ordu. Seeds medium, yellow.
185055. No. 10846. Deneme Tarlası, Ordu. Seeds medium, yellow.
185056. No. 10847. Ebuhayırtepe, Ordu. Seeds small, mixed red and yellow.
185057. No. 10848. Boztepe, Ordu. Seeds medium, yellow.
185058. No. 10849. Deneme Tarlası, Ordu. Seeds medium, yellow.
185059. No. 10850. Deneme Tarlası. Seeds medium, yellow.
185060. No. 10851. Mubarek, Ordu. Seeds medium, white.
185061. No. 10852. Mubarek, Ordu. Seeds medium, yellow.
185062. No. 10853. Trabzon Province. Seeds large, reddish.
185063. No. 10854. Bafra, Samsun. Seeds medium small, white.
185064. No. 10855. Eskisehir, Eskisehir. Seeds small, yellow.
185065. No. 10856. Eskisehir, Eskisehir. Seeds large, yellow.
185066. No. 10857. Çorlu Province. Seeds small, white.
185067. No. 10858. Deneme Tarlası, Ordu. Seeds medium, yellow.
185068. No. 10859. Deneme Tarlası, Ordu. Seeds medium large, red.
185069. No. 10860. Deneme Tarlası, Ordu. Seeds medium, white.
185070. No. 10861. Deneme Tarlası, Ordu. Seeds medium, yellow.
185071. No. 10862. Akşehir, Konya. Seeds medium, yellow.
185072. No. 10863. Akşehir, Konya. Seeds medium, yellow.
185073. No. 10864. Akşehir, Konya. Seeds small, blue.
185074. No. 10903. Erzincan, Erzincan. Seeds medium.

**184995 to 185085—Continued**

185075. *AVENA SATIVA* L. Poaceae. Common oats.  
 No. 10905. Erzincan, Erzincan.
- 185076 and 185077. *HORDEUM VULGARE* L. Poaceae. Barley.  
 185076. No. 10906. Erzincan, Erzincan.  
 185077. No. 10920. Argin, Orhaneli, Bursa. Two-rowed type.
- 185078 to 185085. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.  
 185078. No. 10865. Poyracik, Bergama, Izmir. Hard type.  
 185079. No. 10914. Ciflik Agricultural Station, Erzurum. Winter-bearded type.  
 185080. No. 10915. Ciflik Agricultural Station, Erzurum.  
 185081. No. 10917. Argin, Orhaneli, Bursa. White-bearded type.  
 185082. No. 10918. *Calibasan*. Argin, Orhaneli.  
 185083. No. 10921. *Calibasan*. Manyas, Manyas.  
 185084. No. 10922. *Saribasak*. Manyas.  
 185085. No. 10923. Manyas. White-bearded type.

**185086 to 185092. SOLANUM spp. Solanaceae.**

From Mexico. Tubers collected by J. G. Hawkes, School of Agriculture, University of Cambridge, Cambridge, England. Received Oct. 7, 1940.

- 185086 and 185087. *SOLANUM FENDLERI* A. Gray.  
 185086. No. 1112. Near Saltillo, Coahuila State. Oct. 11. Tubers round to irregularly oval, skin white. Fruit green, spotted with white.  
 185087. No. 1114. Near Saltillo, Coahuila State. Oct. 12. Tubers irregularly oval, skin pale-brown or purplish. Fruit green, spotted with white.
185088. *SOLANUM* sp.  
 No. 1115. Near Saltillo, Coahuila State. Oct. 12. Tubers yellow, slightly pink at the eyes.
185089. *SOLANUM* sp.  
 No. 1116. Municipio Tamazula, Jalisco State. Oct. 23. Tubers white and small.
185090. *SOLANUM DEMISSUM* Lindl.  
 No. 1117. Amecameca, Mexico State. Oct. 30.
185091. *SOLANUM POLYADENIUM* Greenm.  
 No. 1121. Near Morelia, Michoacán State. Oct. 26.
185092. *SOLANUM* sp.  
 No. 1122. Near Amecameca, Mexico State. Nov. 1.

**185093 to 185095. ARACHIS HYPOGAEA L. Fabaceae. Peanut.**

From the Union of South Africa. Seeds presented by the Union of South Africa Embassy, Washington, D. C. Received Nov. 8, 1949.

185093. *Kasawaira Kadiki* P. 2095.  
 185094. *Kasawaira Kukuru* P. 2096.  
 185095. 43.G 90a-Ny X J. 10.

**185096 and 185097. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Canada. Tubers presented by William A. Faulkner, Lytton, British Columbia. Received Nov. 8, 1949.

185096. *Lady Finger*. No. 1.  
 185097. *Lady Finger*. No. 2.

**185098. ZEA MAYS L. Poaceae.****Corn.**

From Bolivia. Seeds collected by B. B. Robinson, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 10, 1949.

From near Chane.

**185099. LUPINUS ELEGANS H. B. K. Fabaceae.**

From Mexico. Seeds presented by Dr. Roberto Lamás, Institute of Biology, Mexico City. Received Nov. 10, 1949.

**185100. SOLANUM TUBEROSUM L. Solanaceae.****Potato.**

From Canada. Tubers presented by William A. Faulkner, Lytton, British Columbia. Received Nov. 10, 1949.

*Lady Finger.*

**185101. SOLANUM sp. Solanaceae.**

From Peru. Tubers presented by the Ministry of Agriculture, Lima. Received Nov. 10, 1949.

**185102 to 185104. LILIUM spp. Liliaceae.****Lily.**

From Canada. Seeds presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received Nov. 10, 1949.

**185102. LILIUM DAURICUM Ker.****Candlestick lily.**

Originally from Manchuria, China.

**185103. LILIUM.**

*L. davidii* × *umbellatum*.

**185104. LILIUM WILLMOTTIAE Wilson.**

Treated with colchicine.

**185105 to 185108. TRITICUM spp. Poaceae.****Wheat.**

From Norway. Seeds presented by the Agriculture College of Norway, Vollebakk. Received Nov. 10, 1949.

**185105 and 185106. TRITICUM AESTIVUM L.****Common wheat.**

**185105.** AE 11; (*J. 03* × *Triticum aestivum*.)

**185106.** *J. 03*. Originated as a single plant from a local variety of spring wheat in 1919 and used frequently in crosses because of its remarkable resistance to Norwegian races of mildew.

**185107. TRITICUM.**

N 60; (*As* × *Secale cereale*) × (*Mq* × *Fram 1*).

**185108. TRITICUM AESTIVUM L.****Common wheat.**

0617-26; (*Rubin* × *J. 03*).

**185109. EUPHORBIA LANCIFOLIA Schlecht. Euphorbiaceae. Ixbut.**

From Guatemala. Plants presented by F. J. Ippisch, Guatemala City. Received Nov. 14, 1949.

**185110. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Guatemala. Seeds obtained through the office of Foreign Agricultural Relations, Dept. of Agriculture, Washington, D. C. Received Nov. 14, 1949.

**185111 to 185118.**

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1949.

**185111. CUCUMIS sp. Cucurbitaceae.**

No. 15591. Tamali.

**185111 to 185118—Continued**

185112. *HEVEA BRASILIENSIS* (A. Juss.) Muell. Euphorbiaceae. **Para rubber tree.**  
Kumasi.
185113. *HIBISCUS* sp. Malvaceae.  
No. 13426. Accra Plains.
185114. *STERCULIA* sp. Sterculiaceae.  
No. 13404. Aburi Gardens.
185115. *STROPHANTHUS PREUSSII* Engl. & Pax. Apocynaceae.  
No. 13621. Asuansi.
185116. *STROPHANTHUS* sp.  
No. 13402. Aburi Gardens.
185117. *STROPHANTHUS* sp.  
No. 13403. Accra.
185118. *STROPHANTHUS* sp.  
No. 13464. Kumasi.

**185119 to 185127.**

From Mexico. Seeds obtained throughout the Division of Forage Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1949.

185119. *LUPINUS MUTABILIS* Sweet. Fabaceae. **South American lupine.**  
*Chocho.*
185120. *LUPINUS* sp. **Lupine.**  
R. F. 650.
185121. *LUPINUS* sp.  
R. F. 633.
185122. *LUPINUS* sp.  
R. F. 648.
185123. *LUPINUS* sp.  
R. F. 643.
185124. *LUPINUS* sp.  
*Tlaxcala*
185125. *LUPINUS* sp.  
R. F. 638.
185126. *LUPINUS* sp.  
R. F. 715.

185127. *TEPHROSIA CANDIDA* DC. Fabaceae.

**185128. *POGOSTEMON CABLIN* (Blanco) Benth. Menthaceae.**

From Puerto Rico. Cuttings presented by the Federal Experiment Station, Mayaguez. Received Nov. 15, 1949.

**185129 to 185136.**

From Iraq. Seeds presented by the American Embassy, Baghdad. Received Nov. 16, 1949.

185129. *AEGILOPS* sp. Poaceae.
185130. *AEGILOPS* sp.
185131. *AEGILOPS* sp.
185132. *AEGILOPS* sp.

## 185129 to 185166—Continued

185133. *AGROPYRON* sp. Poaceae.  
 185134. *AGROPYRON* sp.  
 185135. *BRACHYPODIUM PINNATUM* (L.) Beauv. Poaceae.  
 185136. *AVENA* sp. Poaceae. Oats.  
 195137. *BROMUS* sp. Poaceae.  
 185138. *BROMUS* sp.  
 185139. *BROMUS* sp.  
 185140. *BROMUS* sp.  
 185141. *BROMUS* sp.  
 185142. *BROMUS* sp.  
 185143. *BROMUS* sp.  
 185144. *CHRYSOPOGON* sp. Poaceae.  
 185145. *CHRYSOPOGON* sp.  
 185146. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.  
 185147. *BROMUS SCOPARIUS* L. Poaceae.  
 185148. *DANTHONIA* sp. Poaceae.  
 185149. *DANTHONIA* sp.  
 185150. *DANTHONIA* sp.  
 185151. *ERIANTHUS* sp. Poaceae.  
 185152. *GYPHOPHILA* sp. Caryophyllaceae.  
 185153. *HELIOTROPIMUM* sp. Boraginaceae.  
 185154. *ELYMUS CAPUT-MEDUSAE* L. Poaceae.  
 185155. *HORDEUM* sp. Poaceae.  
 185156. *HORDEUM* sp.  
 185157. *ELYMUS CAPUT-MEDUSAE* L. Poaceae.  
 185158. *HORDEUM* sp. Poaceae.  
 185159. *LOLIUM* sp. Poaceae.  
 185160. *PENNISSETUM* sp. Poaceae.  
 185161. *PHALARIS PARADOXA* var. *PRÆMORSA* Coss. & Dur. Poaceae.  
 185162 to 185164. *POA BULBOSA* L. Poaceae.  
     185162. No. 1.  
     185163. No. 2.  
     185164. No. 3.  
 185165. *POA* sp.  
 185166. *STIPA* sp. Poaceae.

## 185167 to 185181.

From Nigeria. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 17, 1949.

From Nigeria unless otherwise indicated.

185167. *ALAFIA BARTERI* Oliv. Apocynaceae.  
     No. 120. Agege. Plant.  
 185168. *STROPHANTHUS SARMENTOSUS* DC. Apocynaceae.  
     No. 121. Agege. Plants.

**185167 to 185181—Continued**185169. *STROPHANTHUS* sp.

No. 122. Agege. 1 plant, 16 cuttings.

185170. *DIOSCOREA* sp. Dioscoreaceae.

Lagos. Tuber.

185171. *STROPHANTHUS EMINII* Aschers. & Pax. Apocynaceae.

Dar es Salaam, Tanganyika Territory. Seeds.

185172. *STROPHANTHUS PREUSSII* Engl. & Pax.

No. 119. Agege. Plants.

185173. *STROPHANTHUS BARTERI* Franch.

No. 114. Ibadan. Plant and cuttings.

185174. *STROPHANTHUS HISPIDUS* DC.

No. 116. Abeokuta. Cuttings.

185175 and 185176. *STROPHANTHUS PREUSSII* Engl. & Pax.

185175. No. 111. Ibadan. Cuttings.

185176. No. 118. Agege. Cuttings.

185177 to 185179. *STROPHANTHUS SARMENTOSUS* DC.

185177. No. 110. Ibadan. Plant.

185178. No. 112. Ibadan. Plants.

185179. No. 117. Abeokuta. Cuttings.

185180. (Undetermined.)

No. 113. Ibadan. Cuttings.

185181. (Undetermined.)

No. 115. Abeokuta. Cuttings.

**185182. TELFAIRIA PEDATA** (J. E. Smith) Hook. Cucurbitaceae.

From Southern Rhodesia. Seeds presented by the Eastern District Forest Office, Umtali. Received Nov. 18, 1949.

**185183. PISUM SATIVUM** L. Fabaceae.**Pea.**

From Peru. Seeds presented by Dr. S. C. Harland, Instituto de Genetica del Algodón, Lima. Received Nov. 18, 1949.

**185184. STROPHANTHUS SARMENTOSUS** DC. Apocynaceae.

From Cuba. Cuttings presented by an unknown donor, Cienfuegos. Received Nov. 21, 1949.

**185185. CHENOPODIUM QUINOA** Willd. Chenopodiaceae. **Quinoa.**

From Peru. Seeds presented by the Agricultural Experiment Station, La Molina. Received Nov. 22, 1949.

**185186 to 185234. TRITICUM** spp. Poaceae.**Wheat.**

From Portugal. Seeds presented by the Estação Agronômica Nacional, Sacavém. Received Nov. 23, 1949.

185186 to 185196. *TRITICUM DURUM* Desf.**Durum wheat.**

185186. No. 2871.

185192. No. 3209.

185187. No. 2876.

185193. No. 3210.

185188. No. 3192.

185194. No. 3212.

185189. No. 3193.

185195. No. 3213.

185190. No. 3194.

185196. No. 3479.

185191. No. 3208.

**185186 to 185234—Continued**185197 to 185234. *TRITICUM AESTIVUM* L.

Common wheat.

185197. No. 2464.	185216. No. 3111.
185198. No. 2743.	185217. No. 3116.
185199. No. 2751.	185218. No. 3118.
185200. No. 2756.	185219. No. 3320.
185201. No. 2757.	185220. No. 3321.
185202. No. 2758.	185221. No. 3323.
185203. No. 2760.	185222. No. 3324.
185204. No. 2763.	185223. No. 3326.
185205. No. 2766.	185224. No. 3327.
185206. No. 2784.	185225. No. 3328.
185207. No. 2785.	185226. No. 3353.
185208. No. 2786.	185227. No. 3361.
185209. No. 2787.	185228. No. 3365.
185210. No. 3094.	185229. No. 3366.
185211. No. 3102.	185230. No. 3374.
185212. No. 3102.	185231. No. 3465.
185213. No. 3106.	185232. No. 3597.
185214. No. 3108.	185233. No. 3598.
185215. No. 3109.	185234. No. 3614.

**185235 and 185236.** *ATROPA BELLADONNA* L. Solanaceae.**Belladonna.**

From France. Seeds presented by the Botanical Garden, Strasbourg. Received Nov. 22, 1949.

185235. No. 1.

185236. No. 2.

**185237 and 185238.** *ATROPA BELLADONNA* L. Solanaceae.**Belladonna.**

From Italy. Seeds presented by the Stazione Sperimentale per le Piante Officinali, Naples. Received Nov. 22, 1949.

185237. No. 1.

185238. No. 2.

**185239 and 185240.** *CRATAEGUS* spp. Malaceae.

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Nov. 23, 1949.

185239. *CRATAEGUS AZAROLUS* L.

Chico K2/22.23. Source unknown.

185240. *CRATAEGUS PINNATIFIDA* Bunge.

Chico A1/6.8. Originally from Siberia. Presented by A. D. Voyekoff. Vladivostok.

**185241 to 185249.**

From Korea. Seeds collected by H. C. Gauger, American Mission in Korea, APO 404, San Francisco. Received Nov. 23, 1949.

185241. *HORDEUM* sp. Poaceae.**Barley.***Chai Lai Bok.*

## 185241 to 185249—Continued

185242. HORDEUM sp.

*Naichai Lai.*

185243. HORDEUM sp.

*Chai Lai Chong.*

185244. HORDEUM sp.

White.

185245 and 185246. LESPEDEZA STIPULACEA Maxim. Fabaceae. **Korean lespe-**  
**deza.**

185245. No. 1.

185246. No. 2.

185247. LESPEDEZA sp.

185248 and 185249. LOTUS CORNICULATUS L. Fabaceae. **Birdsfoot trefoil.**

185248. No. 1.

185249. No. 2.

## 185250 to 185313. TRITICUM AESTIVUM L. Poaceae.

**Common wheat.**From Argentina. Seeds presented by Italo Vigliano, Rosario. Received Nov. 23,  
1949.

185250. H 67. 47-769.	185277. H 980. 47-290.
185251. H 456. 47-783.	185278. H 1004. 47-606.
185252. H 488. 47-771.	185279. H 1004. 47-607.
185253. H 488. 47-772.	185280. H 1004. 47-2962.
185254. H 540. 47-469.	185281. H 1004. 47-2967.
185255. H 540. 47-793.	185282. H 1035. 47-610.
185256. H 540. 47-798.	185283. H 1037. 47-418.
185257. H 540. 47-1054.	185284. H 1037. 47-536.
185258. H 544. 47-803.	185285. H 1037. 47-651.
185259. H 544. 47-817.	185286. H 1045. 47-667.
185260. H 553. 47-471.	185287. H 1045. 47-668.
185261. H 553. 47-1059.	185288. H 1047. 47-437.
185262. H 557. 47-482.	185289. H 1055. 47-546.
185263. H 577. 47-597.	185290. H 1070. 47-442.
185264. H 603. 47-871.	185291. H 1070. 47-446.
185265. H 603. 47-872.	185292. H 1070. 47-549.
185266. H 603. 47-1037.	185293. H 1070. 47-556.
185267. H 608. 47-881.	185294. H 1073. 47-452.
185268. H 627. 47-888.	185295. H 1073. 47-453.
185269. H 796. 47-519.	185296. H 1092. 47-681.
185270. H 797. 47-520.	185297. H 1092. 47-682.
185271. H 797. 47-521.	185298. H 1092. 47-683.
185272. H 836. 47-259.	185299. H 1104. 47-686.
185273. H 836. 47-526.	185300. H 1104. 47-687.
185274. H 912. 47-932.	185301. H 1104. 47-689.
185275. H 912. 47-933.	185302. H 1137. 47-716.
185276. H 980. 47-287.	185303. H 1138. 47-719.



**185250 to 185313—Continued**

185304. H 1145. 47-464.	185309. <i>Polonicum.</i>
185305. H 1145. 47-736.	185310. <i>Don Jose.</i>
185306. H 1149. 47-62.	185311. <i>Don Agustin.</i>
185307. H 1151. 47-68.	185312. H 1019. 49-2817.
185308. H 1168. 47-467.	185313. H 1024. 49-2818.

**185314 to 185323. SACCHARUM. Poaceae. Sugarcane.**

From the British West Indies. Cuttings presented by the Central Sugarcane Breeding Station, Bridgetown, Barbados. Received Dec. 1, 1949.

185314. B. 35269.	185319. B. 44130.
185315. B. 39246.	185320. B. 44159.
185316. B. 39250.	185321. B. 46199.
185317. B. 42231.	185322. B. 48123.
185318. B. 44130.	185323. B. 48124.

**185324 to 185414.**

From Portugal. Seeds presented by the Estação Agonómica Nacional, Sacavém. Received Dec. 15, 1949.

**185324 and 185325. AVENA SATIVA L. Poaceae. Common oats.**

185324. No. 6355.
185325. No. 6370.

**185326 to 185329. HORDEUM VULGARE L. Poaceae. Barley.**

185326. No. 4257.	185328. No. 4266.
185327. No. 4263.	185329. No. 4284.

**185330 to 185407. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

185330. No. 2712.	185351. No. 2779.
185331. No. 2716.	185352. No. 2780.
185332. No. 2718.	185353. No. 2789.
185333. No. 2719.	185354. No. 2790.
185334. No. 2721.	185355. No. 2951.
185335. No. 2722.	185356. No. 2952.
185336. No. 2724.	185357. No. 2953.
185337. No. 2726.	185358. No. 2954.
185338. No. 2730.	185359. No. 2960.
185339. No. 2731.	185360. No. 2961.
185340. No. 2733.	185361. No. 3008.
185341. No. 2735.	185362. No. 3012.
185342. No. 2739.	185363. No. 3013.
185343. No. 2740.	185364. No. 3015.
185344. No. 2741.	185365. No. 3016.
185345. No. 2768.	185366. No. 3017.
185346. No. 2770.	185367. No. 3018.
185347. No. 2772.	185368. No. 3019.
185348. No. 2773.	185369. No. 3020.
185349. No. 2775.	185370. No. 3041.
185350. No. 2778.	185371. No. 3043.

**185324 to 185414—Continued****185330 to 185407—Continued**

185372. No. 3051.	185390. No. 3240.
185373. No. 3052.	185391. No. 3290.
185374. No. 3053.	185392. No. 3291.
185375. No. 3054.	185393. No. 3294.
185376. No. 3056.	185394. No. 3301.
185377. No. 3057.	185395. No. 3304.
185378. No. 3060.	185396. No. 3306.
185379. No. 3062.	185397. No. 3311.
185380. No. 3072.	185398. No. 3314.
185381. No. 3073.	185399. No. 3317.
185382. No. 3076.	185400. No. 3346.
185383. No. 3084.	185401. No. 3438.
185384. No. 3087.	185402. No. 3440.
185385. No. 3088.	185403. No. 3507.
185386. No. 3089.	185404. No. 3411.
185387. No. 3091.	185405. No. 3512.
185388. No. 3135.	185406. No. 3586.
185389. No. 3138.	185407. No. 3615.

**185408 to 185414. TRITICUM DURUM L.****Durum wheat.**

185408. No. 2848.	185412. No. 3167.
185409. No. 2849.	185413. No. 3409.
185410. No. 2853.	185414. No. 3533.
185411. No. 3166.	

**185415. RICINUS COMMUNIS L. Euphorbiaceae.****Castorbean.**

From the Union of South Africa. Seeds presented by Gunson Seeds South Africa, Ltd., Johannesburg, Transvaal. Received Dec. 5, 1949.

**185416 to 185420. GOSSYPIMUM. Malvaceae.****Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Shambat, Khartoum. Received Dec. 5, 1949.

185416. BP 1-1/45S.	185419. BP 4-1/44S.
185417. BP 1-2/45S.	185420. BP 7-1/45S.
185418. BP 1-5/45S.	

**185421. DALBERGIA SISSOO Roxb. Fabaceae.****Sissoo.**

From India. Seeds presented by an unknown donor, Ootacamund, Nilgiris. Received Dec. 5, 1949.

**185422 to 185424. MENTHA spp. Menthaceae.**

From England. Plants presented by the Royal Botanic Gardens, Kew, Surrey. Received Dec. 5, 1949.

**185422. MENTHA AQUATICA L.**

Introduced as variety "citrata," an apparently unpublished name.

**185423. MENTHA LONGIFOLIA (L.) Huds.**

Introduced as variety "nemorosa," an apparently unpublished name.

**185424. MENTHA GENTILIS L.**

Introduced as *Mentha rubra* var. *raripila*, an apparently unpublished name.

**185425 and 185426. LINUM USITATISSIMUM L. Linaceae. Flax.**

From the Netherlands. Seeds presented by Dr. F. C. Friedrich, Nederlands Vlasinstituut, Wageningen. Received Dec. 5, 1949.

185425. *Wiersema* 43/35.

185426. *Wiersema* 43/1.

**185427. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae.****Lime.**

From Israel. Seeds presented by Y. Carmon, Tel Aviv. Received Dec. 5, 1949.

**185428 to 185444.**

From Maine, New Hampshire, and Vermont. Collected by E. M. Meader and W. W. Smith, Agricultural Experiment Station, Durham, N. H. Received Dec. 7 1949.

Collected in 1949.

**185428. CASTANEA CRENATA Sieb. & Zucc. Fagaceae. Japanese chestnut.**

NHM No. 7. Stratham, N. H. Oct. 16. Twenty-five feet tall, 10 inches in diameter, suckering tree. Nuts  $1\frac{3}{4}$  by  $1\frac{1}{4}$  inches, round, conical wedge-shaped, sweet, good quality. Tree bears fruit most years, not wholly immune from blight. Seeds.

**185429. CORYLUS CORNUTA Marsh. Betulaceae.**

NHMS No. 2-49. Indian Stream area, Pittsburg, N. H. Aug. 2. Large-fruited, 5 to 6 feet tall, wild. Seeds.

**185430. RUBUS CHAMAEMORUS L. Rosaceae.**

Me No. 2. *Bakeberry*; *Baked-apple Berry*. Peat bog by seaside near Lubec, Maine. July 27. Fruits yellowish, blackberry-like. Plants.

**185431. RUBUS sp.**

Me No. 3. Hamilton Cove, Lubec, Maine. July 27. Plants 3-leaved, 12 inches tall, with a small single blackberry-like fruit. Primocanes smooth, 3 feet long rooting at nodes toward tip by a runner. Plants.

**185432. RUBUS sp.**

Me No. 4. Bailey's Mistake, Lubec, Maine. July 27. Growing by gravelly roadside. Plants.

**185433. RUBUS sp.**

Me No. 5. Bailey's Mistake, Lubec, Maine. July 27. Plants.

**185434 and 185435. VACCINIUM ANGUSTIFOLIUM var. LAEVIFOLIUM House. Ericaceae. Blueberry.**

185434. NHS No. 10. Temple Mountain, Sharon, N. H. Nov. 21. Altitude 1,700 feet. Plants 1 foot tall, very vigorous, strong spreading habit, thick stems; berries  $\frac{1}{2}$  inch in diameter, very bright blue, sweet, firm, good flavor. Plants.

185435. NHS No. 11. Exeter, N. H. Oct. 21. Altitude 300 feet. Low bush 10 inches high, very productive; berries red, mild-flavored. Plant has possible ornamental value. Plants.

**185436. VACCINIUM sp.**

Vt. No. 1. Clarendon, Vt. Oct. 2. Plant 4 feet tall, rather pubescent twigs and leaves; berries medium size with bloom. Plants.

**185437. VACCINIUM sp.**

Vt. No. 2. Clarendon, Vt. Oct. 2. Plant 4 feet tall, rather pubescent twigs and leaves; berries medium size with bloom. Plants.

**185438. VACCINIUM sp.**

Vt. No. 3. Clarendon, Vt. Oct. 2. Plant 4 feet tall, rather pubescent twigs and leaves; berries medium size with bloom. Plants.

**185428 to 185444—Continued**185439. *VACCINIUM* sp.

NHS No. 5-49. Indian Stream area, Pittsburg, N. H. Aug. 2. Plant over 3 feet tall, pubescent; berries light-blue; wild. Seeds.

185440. *VACCINIUM* sp.

Me No. 1. Near Harrington, Maine. July 26. Plants.

185441. *VITIS* sp. Vitaceae.**Grape.**NHS No. 1. Shelburne, N. H. Oct. 6. Fruits black with bluish bloom,  $\frac{1}{2}$  inch in diameter, clusters 5 inches long and 20 berries per cluster, good flavor. Plants.185442. *VITIS* sp.

NHS No. 2. Gorham, N. H. Oct. 6. Medium growing vine trailing on ground and in heavily shaded tree. Plants.

185443. *VITIS* sp.

NHS No. 3. Shelburne, N. H. Oct. 6. Plants.

185444. *ZEA MAYS* L. Poaceae.**Corn.**

NHS No. 6. Milan, N. H. Sept. 28. Early-maturing sweet corn, 10- to 12-rowed, white kernels and cobs. Seeds.

**185445 to 185447.**

From India. Seeds presented by the Sugar Experiment Station, Coimbatore. Received Dec. 21, 1949.

185445. *ERIANTHUS RAVENNAE* (L.) Beauv. Poaceae.**Ravenna grass.**185446. *SACCHARUM MUNJA* Roxb. Poaceae.185447. *SACCHARUM NARENGA* (Nees) Wall.**185448. *ATROPA BELLADONNA* L. Solanaceae.****Belladonna.**

From the Netherlands. Seeds presented by the Ministry of Agriculture, Leeuwarden. Received Dec. 6, 1949.

**185449 to 185459.**

From India. Seeds collected by Walter N. Koelz, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 7, 1949.

Collected in 1948.

185449. *APLUDA MUTICA* L. Poaceae.

No. 19694. Khandhar, Jaipur. Feb. 12.

185450. *ARISTIDA CYANANTHA* Steud. Poaceae.

No. 19954. Kathgodam, United Provinces. Apr. 7. Plants 5 feet tall growing among boulders of torrent bed. Altitude 2,000 feet.

185451. *DESMOSTACHYA BIPINNATA* (L.) Stapf. Poaceae.**Camel grass.**

No. 19685. Jakhal, eastern Punjab. Jan. 29. Plants average 2 feet tall; make good pasture on sandy soil.

185452. *ERAGROSTIS JAPONICA* (Thunb.) Trin. Poaceae.

No. 19904. Bombay. Mar. 18. Plants 3 feet high.

185453 and 185454. *IMPERATA CYLINDRICA* (L.) Beauv. Poaceae.

185453. No. 19935. Kathgodam, United Provinces. Apr. 6. Plants 18 inches high, growing in damp meadow at 2,000 feet altitude.

185454. No. 20025. Bageswar, United Provinces. Apr. 21. Plants 12 inches high, growing on sandy plain at 3,500 feet altitude.

185455. *OPHIURUS EXALTATUS* (L.) O. Ktze. Poaceae.

No. 19900. Hubli, Bombay. Apr. 17. Plants 5 feet high, growing in clumps along field edge.

**185449 to 185459—Continued**

185456. *PANICUM ANTIDOTALE* Retz. Poaceae.

No. 19668. Pootna, Patiala State. Jan. 24. Weak plant, 5½ feet high, growing in hedge.

185457. *PANICUM* sp.

No. 19662. Gagga, Patiala State. Jan. 24. Weak plant, 3½ feet high, growing among field border.

185458. *SORGHUM* sp. Poaceae.

No. 19633. Kangra District, eastern Punjab. Jan. 11. Plant 8 feet high, growing on shady slope. Altitude 3,000 feet.

185459. *VETIVERIA ZIZANTIOIDES* (L.) Nash. Poaceae.

No. 19973. Kathgodam, United Provinces. Jan. 11. Plants 6 feet high, growing in clumps along stream edge at 2,000 feet altitude.

**185460 to 185468. GOSSYPIUM. Malvaceae. Cotton.**

From China. Seeds presented by the American Embassy, Shanghai. Received Dec. 7, 1949.

185460. F 55—4-1-1.

185465. *Shih Hsi* No. 3.

185461. F 117—1.

185466. *Shih Hsi* No. 4.

185462. *Greencotton*.

185467. *Shih Hsi* No. 4.

185463. *Hwa Nung* No. 1.

185468. *Sze Tze* 4 B.

185464. *Lintsing Stoneville*.

**185469 to 185473. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Sweden. Seeds presented by W. Weibull, Landskrona. Received Dec. 9, 1949.

185469. *Bacon*.

185472. *Sarimmer*.

185470. *Cylinder Barres*.

185473. *Slattbo Barres*.

185471. *Regia*.

**185474 to 185480. CAPSICUM spp. Solanaceae.**

From California. Seeds presented by Dr. Paul G. Smith, University of California, Davis. Received Feb. 28, 1949.

185474 to 185477. *CAPSICUM FRUTESCENS* L.

**Redpepper.**

185474. AC 635.

185476. AC 766 (Hontaka No. 1.)

185475. AC 639.

185477. AC 767 (Hontaka No. 2.)

185478. *CAPSICUM PUBESCENS* Ruiz & Pav.

185479. *CAPSICUM FRUTESCENS* L.

**Redpepper.**

185480. *CAPSICUM* sp.

**185481. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**

From Iraq. Seeds presented by Rev. G. J. Pennings, Amarah. Received Dec. 9, 1949.

**185482. PUERARIA PHASEOLOIDES (Roxb.) Benth. Fabaceae.**

From Puerto Rico. Seeds presented through William X. Hull, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 9, 1949.

**185483. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae. Kudzu.**

From Japan. Seeds presented through F. J. Crider, Soil Conservation Service, United States Department of Agriculture. Received Dec. 9, 1949.

**185484 to 185593.**

From the Union of South Africa. Seeds presented by the American Embassy, Pretoria, Transvaal. Received Dec. 12, 1949.

185484. *FINGERHUTHIA AFRICANA* Lehm. Poaceae.

No. 42.

185485. *ANTHEPHORA PUBESCENS* Nees. Poaceae.

185486. *ARISTIDA CILIATA* Desf. Poaceae.

No. 75.

185487. *ARISTIDA ENGLERI* Mez.

No. 88.

185488. *ARISTIDA NAMAQUENSIS* (Nees) Trin. & Rupr.

No. 76.

185489. *ARISTIDA OBTUSA* Delile.

No. 102.

185490 to 185494. *ARISTIDA UNIPLUMIS* Roem. & Schult.

185490. No. 27.

185493. No. 92.

185491. No. 40.

185494. No. 94.

185492. No. 50.

185495. *ARISTIDA* sp.

No. 6.

185496. *ARISTIDA* sp.

No. 7.

185497. *ARISTIDA* sp.

No. 59.

185498. *ARISTIDA* sp.

No. 61.

185499. *ARISTIDA* sp.

No. 93.

185500. *BROMUS CATHARTICUS* Vahl. Poaceae.

**Rescue grass.**

No. 108.

185501. *COMBRETUM APICULATUM* Sond. Combretaceae.

No. 103.

185502. *COPAIFERA MOPANE* Kirk. Fabaceae.

No. 47.

185503 to 185505. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

185503. No. 35.

185504. No. 71.

185505. No. 106.

185506. *DOLICHOS LABLAB* L. Fabaceae.

**Hyacinth-bean.**

No. 13.

185507. *ECHINOCHLOA* sp. Poaceae.

No. 31.

185508. *ERAGROSTIS ECHINOCHLOIDEA* Stapf. Poaceae.

No. 2.

185509. *ERAGROSTIS KARASBERGENSIS* Bolus.

No. 1.

## 185484 to 185593—Continued

185510 to 185513. *ERAGROSTIS RIGIDIOR* Pilger.

185510. No. 3.

185512. No. 16.

185511. No. 12.

185513. No. 18

185514. *ERAGROSTIS SEINERI* Jedw.

No. 45.

185515 to 185517. *ERAGROSTIS SUPERBA* Peyr.

185515. No. 10.

185516. No. 39.

185517. No. 49.

185518. *ERAGROSTIS* sp.

No. 11.

185519. *ERAGROSTIS* sp.

No. 17.

185520. *ERAGROSTIS* sp.

No. 19.

185521. *SPOROBOLUS MARGINATUS* Hochst. Poaceae.

No. 74.

185522. *ERAGROSTIS POROSA* Nees. Poaceae.

No. 91.

185523. *ERIOCEPHALUS* sp. Asteraceae.

No. 63.

185524. *ERIOCEPHALUS* sp.

No. 67.

185525. *FINGERHUTHIA AFRICANA* Lehm. Poaceae.

No. 5.

185526. *GREWIA* sp. Tiliaceae.

No. 41.

185527. *HERMANNIA* sp. Sterculiaceae.

No. 85.

185528 and 185529. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

185528. No. 34.

185529. No. 99.

185530. *INDIGOFERA ALTERNANS* DC. Fabaceae.

No. 77.

185531. *INDIGOFERA FLAVICANS* Baker.

No. 24.

185532. *INDIGOFERA* sp.

No. 25.

185533. *INDIGOFERA* sp.

No. 36.

185534. *INDIGOFERA* sp.

No. 57.

185535. *INDIGOFERA* sp.

No. 78.

185536. *IPOMOEA* sp. Convolvulaceae.

No. 98.

Morning-glory.

**185484 to 185593—Continued**

- 185537 and 185538. *LEUCOSPHEERA BAINESII* (Hook. f.) Gilg. Amaranthaceae.  
 185537. No. 89.  
 185538. No. 90.
185539. *LOTONONIS AZUREA* (Eckl. & Zeyh.) Benth. Fabaceae.  
 No. 104.
185540. *LYCIUM* sp. Solanaceae.  
 No. 15.
- 185541 and 185542. *MONTINIA CARYOPHYLLACEA* Thunb. Saxifragaceae.  
 185541. No. 23.  
 185542. No. 46.
185543. *MUNDULEA SERICEA* (Willd.) A. Chev. Fabaceae.  
 No. 33.
185544. *NENAX MICROPHYLLA* (Sond.) Salter. Rubiaceae.  
 No. 100.
185545. *NEORAUTANENIA* sp. Fabaceae.  
 No. 54.
- 185546 to 185551. *PANICUM COLORATUM* L. Poaceae.
- |                 |                 |
|-----------------|-----------------|
| 185546. No. 28. | 185549. No. 44. |
| 185547. No. 30. | 185550. No. 64. |
| 185548. No. 43. | 185551. No. 68. |
- 185552 to 185555. *PANICUM MAXIMUM* Jacq. Guinea grass.
- |                 |                  |
|-----------------|------------------|
| 185552. No. 7.  | 185554. No. 32.  |
| 185553. No. 26. | 185555. No. 107. |
- 185556 and 185557. *PANICUM SCOPULIFERUM* Trin.
- |                 |
|-----------------|
| 185556. No. 82. |
| 185557. No. 87. |
185558. *PANICUM* sp.  
 No. 8.
185559. *PANICUM* sp.  
 No. 21.
185560. *PANICUM* sp.  
 No. 53.
- 185561 to 185565. *PENNISETUM CILIARE* (L.) Link. Poaceae.
- |                 |                  |
|-----------------|------------------|
| 185561. No. 6.  | 185564. No. 70.  |
| 185562. No. 51. | 185565. No. 109. |
| 185563. No. 60. |                  |
185566. *PENTZIA* sp. Asteraceae.  
 No. 101. Received as *P. calcarea*, an apparently unpublished name.
185567. *PTERONIA* sp. Asteraceae.  
 No. 66. Received as *P. lycioides*, an apparently unpublished name.
185568. *RHYNCHOSIA* sp. Fabaceae.  
 No. 37.
185569. *RIVEA ADENOIDES* Hallier f. Convolvulaceae.  
 No. 79.



**185484 to 185593—Continued**

185570. *SALSOLA APHYLLA* L. f. Chenopodiaceae.

No. 84.

185571 and 185572. *SETARIA APPENDICULATA* (Hack.) Stapf. Poaceae.

185571. No. 58.

185572. No. 81.

185573 and 185574. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf. Poaceae.

185573. No. 38.

185574. No. 52.

185575. *SPOROBOLUS FIMBRIATUS* Nees. Poaceae.

No. 29.

185576. *SPOROBOLUS* sp.

No. 20.

185577. *SPOROBOLUS* sp.

No. 22.

185578. *SPOROBOLUS* sp.

No. 69.

185579. *SPOROBOLUS* sp.

No. 72.

185580. *SPOROBOLUS* sp.

No. 73.

185581. *STIPA NAMAQUENSIS* Pilger. Poaceae.

No. 83.

185582. *STIPA* sp.

No. 8.

185583. *TEPHROSIA OXYGONA* Welw. Fabaceae.

No. 56.

185584. *TEPHROSIA* sp.

No. 55.

185585. *TEPHROSIA* sp.

No. 62.

185586. *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

No. 65.

185587. *TETRAGONIA* sp.

No. 14.

185588. *TETRAGONIA* sp.

No. 97.

185589. *TRIRAPHIS RAMOSISSIMA* Hack. Poaceae.

No. 4.

185590 and 185591. *VIGNA BURCHELLII* (DC.) Harw. Fabaceae.

185590. No. 86.

185591. No. 105.

185592. *ZYGOPHYLLUM* sp. Zygophyllaceae.

No. 80.

185593. (Undetermined.)

No. 48.

**185594. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.**

From the Union of South Africa. Seeds presented by the Embassy of the Union of South Africa, Washington, D. C. Received Dec. 12, 1949.

*Premier.*

**185595. CYNODON DACTYLON (L.) Pers. Poaceae. Bermuda grass.**

From Egypt. Seeds collected by Arthur T. Semple, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Dec. 5, 1949.

**185596 to 185620.**

From Egypt. Seeds presented by J. B. Harrington, Plant Breeding Section, Ministry of Agriculture, Giza, Orman. Received Dec. 13, 1949.

**185596 to 185599. HORDEUM VULGARE L. Poaceae. Barley.**

185596. *Beladi* 16. 185598. *Giza* 69.

185597. *Giza* 68. 185599. *Giza* 73.

**185600 to 185602. LENS CULINARIS Medic. Fabaceae. Lentil.**

185600. *Farshouti*.

185601. *Isnawi*. Early type.

185602. *Isnawi Selected*. Early type.

**185603 to 185605. ORYZA SATIVA L. Poaceae. Rice.**

185603. *Nabatat Asmar*.

185604. *Yabani* 15.

185605. *Yabani Pearl*.

**185606 and 185607. SORGHUM VULGARE Pers. Poaceae.**

185606. *Beladi* 54. Similar to *Giza* 25, but slightly later and higher yielding.

185607. *Giza* 25. Semicompact head; yellow, medium-sized seeds, early-maturing.

**185608. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

*Beladi* 116. Immune from black stem rust but susceptible to stripe rust. Rather late.

**185609 and 185610. TRITICUM DURUM Desf. Durum wheat.**

185609. *Dakar* 49.

185610. *Dakar* 52.

**185611 to 185615. TRITICUM AESTIVUM L. Common wheat.**

185611. *Mokhtar*; *Giza* 135. Early maturing. Resistant to black stem rust, and semiresistant to stripe rust.

185612. *Giza* 139. *Hindi* 90 × *NA* 96. Early maturing. Resistant to black stem rust, and moderately resistant to stripe rust.

185613. *Hindi* D. Resistant to stripe rust.

185614. *Hindi* 62. Similar to *Hindi* D.

185615. *Mabrook*. *Giza* 7 × *Beladi* 42. Early maturing.

**185616 and 185617. VICIA FABA L. Fabaceae. Broadbean.**

185616. *Rebaya* 34.

185617. *Rebaya* 40.

**185618 to 185620. ZEA MAYS L. Poaceae. Corn.**

185618. *American Early*. Dent type.

185619. *Giza Beladi*. Flint type.

185620. *Single Cross* 14. (*American* × *Beladi*).

**185621. PRUNUS PERSICA (L.) Batsch. Rosaceae. Peach.**

From Maryland. Tree presented by the Harrison Nursery, Berlin. Received Feb. 16, 1949.

*Hale Harrison Brilliant.*

**185622 to 185627.**

From Nigeria. Cuttings collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 14, 1949.

**185622. ALAFIA sp. Apocynaceae.**

No. 134. Onitsha.

**185623 and 185624. STROPHANTHUS GRACILIS Schum. & Pax. Apocynaceae.**

**185623.** No. 132.

**185624.** No. 136.

**185625. STROPHANTHUS GRATUS (Wall. & Hook.) Baill.**

No. 133.

**185626. STROPHANTHUS PREUSSII Engl. & Pax.**

No. 131.

**185627. STROPHANTHUS SARMENTOSUS DC.**

No. 130.

**185628 to 185649.**

From the Gold Coast. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville Md. Received Dec. 15, 1949.

Material received as seed unless otherwise noted.

**185628 to 185637. Markets. Oct. 5, 1949.**

**185628. AFRAMOMUM sp. Zingiberaceae.**

**185629 and 185630. ALLIUM SATIVUM L. Liliaceae.**

**Garlic.**

Bulbs.

**185629.** No. 1.

**185630.** No. 2.

**185631. ALLIUM sp.**

**185632 to 185634. ARACHIS HYPOGAEA L. Fabaceae.**

**Peanut.**

**185632.** No. 1.

**185633.** No. 2.

**185634.** No. 3.

**185635 and 185636. CITRULLUS VULGARIS Schrad. Cucurbitaceae.**

**Watermelon.**

**185637. GLADIOLUS sp. Iridaceae.**

Bulbs.

**185638. KERSTINGIELLA GEOCARPA Harma. Fabaceae.**

**Kandela-bean.**

Tamale. Oct. 10, 1949.

**185639. ALCHORNEA sp. Euphorbiaceae.**

Market, Kumasi, Gold Coast. Oct. 5, 1949.

**185640. LAGENARIA LEUCANTHA (Duch.) Rusby. Cucurbitaceae.**

**Calabash gourd.**

**185641. PENNISETUM CILIARE (L.) Link. Poaceae.**

Grass plot, Agricultural Station, Tamale, Northern Territories. Oct. 10, 1949.

**185628 to 185649—Continued**

185642. *PENNISETUM SPICATUM* (L.) Willd. Pearl millet.  
Market, Kumasi, Gold Coast. Oct. 5.
- 185643 and 185644. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
185643. No. 1. Market, Gold Coast.  
185644. No. 2. Market, Gold Coast.
- 185645 and 185646. *VIGNA MARINA* (Burm.) Merr. Fabaceae.  
185645. Market, Kumasi, Gold Coast. Oct. 8.  
185646. Market, Kumasi, Gold Coast. Oct. 8.
185647. *VIGNA SINENSIS* (Torner) Savi. Cowpea.  
Market, Kumasi, Gold Coast. Oct. 5.
- 185648 and 185649. *VOANDZEIA SUBTERRANEA* (L.) Thouars. Fabaceae. Groundnut.  
185648. Market, Tamale, Gold Coast. Oct. 10.  
185649. Market, Kumasi, Gold Coast. Oct. 5.

**185650 to 185652. *GOSSYPIUM*. Malvaceae. Cotton.**

- From Peru. Seeds presented by G. E. Nicholson, Lima. Received Dec. 15, 1949.
185650. C. B. 2690.  
185651. C. B. 2691.  
185652. C. B. 2692.

**185653 to 185656. *AVENA SATIVA* L. Poaceae. Common oats.**

- From Austria. Seeds presented by the Harrach'sche Güterdirektion Prugg, Leitha. Received Dec. 15, 1949.
185653. *Eigeneir Stamm* II 2/48. 185655. *Flamings Treue*.  
Local strain. 185656. *Hirsche's Gelbhafer*.
185654. *Flamings Gold*.

**185657 to 185663. *AVENA SATIVA* L. Poaceae. Common oats.**

- From Argentina. Seeds presented by the Department of Agriculture, Buenos Aires. Received Dec. 15, 1949.
185657. *Bage* 1419/36. 185661. *Hibrida Vavilov*.  
185658. *Buck Selection* 194. 185662. C. I. 1901. *Scottish Chief*.  
185659. *Buck Selection* 212. 185663. *Urugland*.  
185660. *Criolla Saltena*.

**185664 and 185665. *ZEA MAYS* L. Poaceae. Corn.**

- From Haiti. Seeds presented by Norman M. Ward, Institute of Inter-American Affairs, Port-au-Prince. Received Dec. 16, 1949.
185664. Early-maturing, open-pollinated type; shows earworm resistance; 90-day type.  
185665. Early-maturing, open-pollinated type; shows earworm resistance; 75-day type.

**185666 to 185670. *SORGHUM VULGARE* Pers. Poaceae.**

- From the Anglo-Egyptian Sudan. Seeds presented by Gezira Research Farm, Wad Medani, Blue Nile. Received Dec. 16, 1949.
185666. *Hemeisi White*. 185669. *Mugud White*.  
185667. *Hemeisi Yellow*. 185670. *Wad Fahl*.  
185668. *Mugud Red*.

**185671 to 185674. SORGHUM spp. Poaceae.**

From India. Seeds presented by Alexander Wolsky, UNESCO, New Delhi. Received Dec. 21, 1949.

185671. *SORGHUM VULGARE* VAR. *ROXBURGHII* (Stapf) Haines.

Co. 3. Selection from *Talavikrichan Cholam*. Loose head, white grain; 140-day maturity.

185672 and 185673. *SORGHUM SUBGLABRESCENS* (Steud.) Schweinf. & Aschers.

185672. Co. 4. Selection from *Sen Cholam*. Compact head, red grain; 95-day maturity.

185673. Co. 9. Selection from *Vellai Cholam*. Compact head, white grain with red wash; 95-day maturity.

185674. *SORGHUM VULGARE* Pers.

Co. 1. Selection from *Periamanjai Cholam*. Medium-compact head, yellow grain; 135-day maturity.

**185675 to 185683.**

From Nigeria. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 22, 1949.

185675. *STROPHANTHUS BULLENIANUS* Mast. Apocynaceae.

No. 140. Calabai-Mamfe road.

185676. *STROPHANTHUS GRACILIS* Schum. & Pax.

No. 141. Calabai-Mamfe road.

185677. *STROPHANTHUS HISPIDUS* DC.

No. 139. Calabai-Mamfe road.

185678. *STROPHANTHUS PREUSSII* Engl. & Pax.

No. 137. Calabai-Mamfe road.

185679. *STROPHANTHUS SARMENTOSUS* DC.

No. 138. Calabai-Mamfe road.

185680. (Undetermined.)

No. 142. Calabai-Mamfe road.

185681. (Undetermined.)

No. 143. Calabai-Mamfe road.

185682. (Undetermined.)

No. 143a. Calabai-Mamfe road.

185683. (Undetermined.)

No. 143b. Calabai-Mamfe road.

**185684 to 185689. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**

**Tomato.**

From Guatemala. Seeds presented by the Tropical Research Center, Tiquisate. Received Dec. 22, 1949.

Native types.

185684. *Arbol*.

185687. 4-49. Wild.

185685. 2-49.

185688. 5-49.

185686. 3-49. Pear-shaped.

185689. 6-49.

**185690 to 185684. SACCHARUM. Poaceae.****Sugarcane.**

From the Canal Zone. Cuttings presented by Julius Matz, Summit. Received Dec. 27, 1949.

185690. *Duruka Memanii*.

185693. NC 100.

185691. *Keong* 1064.

185694. *Teboe Toefong* 724.

185692. *Manjav* 95.

**185695. ATROPA BELLADONNA L. Solanaceae.****Belladonna.**

From England. Seeds presented by the Oxford Medicinal Plants Scheme, Department of Botany, Oxford. Received Dec. 27, 1949.

**185696. BIGNONIA sp. Bignoniaceae.**

From Nyasaland. Seeds presented by C. B. Garnett, Director of Agriculture, Zomba. Received Dec. 28, 1949.

*Zimbabwe Creeper.*

**185697 to 185772. TRITICUM spp. Poaceae.****Wheat.**

From Portugal. Seeds presented by the Estação Agronômico Nacional, Sacavém. Received Dec. 29, 1949.

**185697 to 185720. TRITICUM AESTIVUM L.****Common wheat.**

185697. No. 2590. *Almadense*.

185710. No. 2744. *Belem*.

185698. No. 2587. *Mocho de Espiga Branca*.

185711. No. 2748. *Galego Barbado*.

185699. No. 2588. *Galego Rapado*.

185712. No. 2752. *Guaditano*.

185700. No. 2580. *Barbela*.

185713. No. 2595. *Ideal*.

185701. No. 2720. *Fronteirico*.

185714. No. 2761. *Precoce*.

185702. No. 2714. *Magueija*.

185715. No. 2772. *Ruivo*.

185703. No. 2722. *Da Maia*.

185716. No. 2773. *Saloio*.

185704. No. 2724. *Mole Algarvio*.

185717. No. 2597. *Temperao de Coruche*.

185705. No. 2725. *Portugues*.

185718. No. 2781. *Tremez Ruivo*.

185706. No. 2728. *Ribeiro*.

185719. No. 2789. *Viloso Mole*.

185707. No. 2731. *Sacho*.

185720. No. 2792. *Mocho de Espiga Quadrada*.

185708. No. 2735. *Tremez Branco*.

185709. No. 2741. *Da Grecia Ruivo*.

**185721 to 185735. TRITICUM TURGIDUM L.****Poulard wheat.**

185721. No. 2567. *Branco*.

185729. No. 2817. *Alentejo*.

185722. No. 2796. *Casculvo*.

185730. No. 2568. *Sicilio*.

185723. No. 2800. *Novo*.

185731. No. 2574. *Pombinho*.

185724. No. 2803. *Argelino*.

185732. No. 2824. *Bagudo*.

185725. No. 2573. *Canoco*.

185733. No. 2828. *Asa de Corvo*.

185726. No. 2807. *Canoco de Grão Escuro*.

185734. No. 2831. *Barba de Lobo*.

185727. No. 2813. *Rubião*.

185735. No. 2833. *Dezassete*.

185728. No. 2816. *Rubião de Barba Preto*.

## 185697 to 185772—Continued

185736 to 185771. TRITICUM DURUM Desf.

Durum wheat.

- 185736. No. 2835. *Candial*.
- 185737. No. 2525. *Lobeiro*.
- 185738. No. 2839. *Russo*
- 185739. No. 2844. *Amarelo de Barba Branca*.
- 185740. No. 2847. *Candial de Grão Escuro*.
- 185741. No. 2849. *Lobeiro de Grão Escuro*.
- 185742. No. 2851. *Tremez Riço*.
- 185743. No. 2854. *Durazio Riço Glabro*.
- 185744. No. 2855. *Preto Amarelo*.
- 185745. No. 2859. *Durazio Molar Glabro*.
- 185746. No. 2865. *Pragana Preto*.
- 185747. No. 2868. *Santa Marta*.
- 185748. No. 2871. *Mourisco Ruivo*.
- 185749. No. 2875. *Vermelejoilo*.
- 185750. No. 2541. *Vermelho Fino*.
- 185751. No. 2544. *Mourisco*.
- 185752. No. 2538. *Mongia*.
- 185753. No. 2878. *Mongia de Grão Escuro*.
- 185754. No. 2884. *Mourisco Fino*.
- 185755. No. 2886. *Mourisco Preto*.
- 185756. No. 2887. *Preto Algarvio*.
- 185757. No. 2893. *Mourisco Preto de Grão Escuro*.
- 185758. No. 2898. *Tremez Preto*.
- 185759. No. 2534. *Amarelo de Barba Preto*.
- 185760. No. 2903. *Anafil Claro*.
- 185761. No. 2906. *Durazio Riço*.
- 185762. No. 2532. *Alexandre ou Macaroco*.
- 185763. No. 2912. *Anafil Escuro*.
- 185764. No. 2914. *Durazio Molar*.
- 185765. No. 2536. *Raspinegro*.
- 185766. No. 2921. *Espanhol*.
- 185767. No. 2925. *Marraquino Preto*.
- 185768. No. 2927. *Raposinho*.
- 185769. No. 2530. *Javardo*.
- 185770. No. 2931. *Javardo Glauco*.
- 185771. No. 2928. *Escuro*.

185772. TRITICUM POLONICUM L.

Polish wheat.

- No. 2554. *Gigantil*.

**185773. STROPHANTHUS GRACILIS Schum. & Pax. Apocynaceae.**

From French Cameroons. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 29, 1949.

No. 13900.

**185774. AMORPHOPHALLUS KONJAC Koch. Araceae.**

From Japan. Tubers presented by the Yokohama Nursery Co., Ltd., Yokohama. Received Dec. 30, 1949.

**185775 to 185785. AVENA SATIVA L. Poaceae. Common oats.**

From Argentina. Seeds presented by the Ministerio de Agricultura de la Nacion, Buenos Aires. Received Dec. 30, 1949.

185775. *Amarilla Klein* 70b.

185781. *La Prevision* 7.

185776. *Amarilla Selection Buck* 20

185782. *Selecta* B. P. 41371.

185777. *Amarilla Selection Buck* 152

185783. *Selecta* D. L. 41372.

185778. *Buck Selection* 2.

185784. *Selecta* M. C. 41374.

185779. *Buck Selection* 214.

185785. *Urugland*.

185780. *Criolla Saltena*.

**185786 to 185788. GOSSYPIUM. Malvaceae.**

**Cotton.**

From Korea. Seeds collected by H. C. Ganger, SCAP, APO 404, San Francisco. Received Dec. 30, 1949.

185786. *Hamju*.

185787. *Samju*.

185788. *Young-Gang* No. 103.

**185789 to 185795. AVENA SATIVA L. Poaceae.**

**Common oats.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos Aires. Received Dec. 30, 1949.

185789. *Buck Selection* 2.

185793. *De Argelia*.

185790. *Buck Selection* 194.

185794. *Criolla Saltena*.

185791. *Buck Selection* 214.

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*Zizyphus mucronata*, 184853.

*Zygophyllum fabago*, 181133.

sp., 185592.



# *Plant Inventory No. 158*

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1956



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## PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1950 (NOS. 185796 TO 193290).

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This inventory, No. 158, lists the plant material (Nos. 185796 to 193290) received by the Plant Introduction Section, Horticultural Crops Research Branch, Agricultural Research Service, during the period from January 1 to December 31, 1950. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

PAUL G. RUSSELL,  
*Botanist.*

*Plant Industry Station,  
Beltsville, Md.*



## I N V E N T O R Y

185796 and 185797. PRUNUS AVIUM L. Amygdalaceae.

Sweet cherry.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Jan. 2, 1950.

185796. Selection from P.I. No. 125774. Originally from Germany. Resistant to leaf spot.

185797. Selection from P.I. No. 125558. Originally from France. Resistant to leaf spot.

185798. NEURACHNE ALOPECUROIDES R. Br. Poaceae.

Mulga grass.

From Australia. Seeds presented by N. S. Shirlow, Plant Introduction Division, Australian Department of Agriculture, Sidney, New South Wales. Received Jan 3, 1950.

Western Australia.

185799 to 185813. ORYZA SATIVA L. Poaceae.

Rice.

From British Guiana. Seeds presented by the Department of Agriculture, Georgetown. Received Jan. 3, 1950.

185799. *Demerara*.

185807. *D. 110*.

185800. No. 79.

185808. *S. 161*.

185801. *A. 31-12*.

185809. *S.C. 54-60*.

185802. *D. 52-37*.

185810. *T. 1*.

185803. *D. 54-42*.

185811. *T. 1*.

185804. *D. 85-42*.

185812. 4-month rice.

185805. *D. 89-42*.

185813. 5-month rice.

185806. *D. 95-42*.

185814 to 185821. ASTRAGALUS spp. Fabaceae.

From Japan. Seeds presented by E. V. Staker, San Francisco, Calif. Received Jan. 3, 1950.

185814. ASTRAGALUS sp.

*Chubansei*.

185815. ASTRAGALUS sp.

*Daibansei*.

185816. ASTRAGALUS sp.

*Daibansei*.

185817. ASTRAGALUS sp.

*Daibansei*.

185818. ASTRAGALUS sp.

*Daibansei*.

185819. ASTRAGALUS sp.

*Genshu*.

185820. ASTRAGALUS sp.

*Yamashita's Improved*.

185821. ASTRAGALUS sp.

No. 8.

**185822 and 185823. TRIFOLIUM HYBRIDUM L. Fabaceae.****Alsike clover.**

From Czechoslovakia. Seeds presented by the Ministry of Agriculture, Oseva.  
Received Jan. 3, 1950.

185822. *Hradek Pacova.*185823. *Roznov Pod Radhostem.***185824 to 185826.**

From the French Cameroons. Cuttings collected by Dr. J. T. Baldwin, Jr.,  
William and Mary College, Williamsburg, Va. Received Jan. 4, 1950.  
From Douala.

185824. *STROPHANTHUS BULLANIANUS* Mast. Apocynaceae.

No. 13820.

185825. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill.

No. 13814.

185826. *DORSTENIA INTERMEDIA* Engl. Moraceae.

No. 13826.

**185827. COIX LACRYMA-JOBI L. Poaceae.****Jobs-tears.**

From India. Seeds presented by the American Embassy, Bombay. Received  
Jan. 4, 1950.

**185828 to 185843. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Brazil. Seeds presented by Instituto Agronómico, Minas, Minas Gerais.  
Received Jan. 4, 1950.

185828. *BH 242.*185836. *BH 3145.*185829. *BH 544.*185837. *BH 4041.*185830. *BH 941.*185838. *BH 4045.*185831. *BH 1146.*185839. *Garnett.*185832. *BH 1847.*185840. *Ricana 1228.*185833. *BH 1943.*185841. *Rio Negro.*185834. *BH 2543.*185842. *Ritana 1267.*185835. *BH 2845.*185843. *Surpresa.***185844 to 185855. ZEA MAYS L. Poaceae.****Corn.**

From Czechoslovakia. Seeds presented by the Ministry of Agriculture, Oseva.  
Received Jan 5, 1950.

185844. No. 1.

185850. No. 7.

185845. No. 2.

185851. No. 8.

185846. No. 3.

185852. No. 9.

185847. No. 4.

185853. No. 10.

185848. No. 5.

185854. No. 11.

185849. No. 6.

185855. No. 12.

**185856 to 185860. MEDICAGO SATIVA L. Fabaceae.****Alfalfa.**

From Argentina. Seeds presented by the Ministerio de Agricultura, Buenos  
Aires. Received Jan. 5, 1950.

185856. *Inverniza A. 136.*185859. *Regadio A. 197.*185857. *Pampers A. 134.*185860. *Saladina A. 148.*185858. *Peruana A. 144.*



## 185861 to 186101. TRITICUM AESTIVUM L. Poaceae.

## Common wheat.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico, D. F.  
Received Jan. 5, 1950.

185861 and 185862. *Kenya* × *Mentana*.

185861. II-56-8c-11c-2c-1c.

185862. II-56-8c-11c-2c-26c.

185863 to 185876. *Newthatch* × *Marroqui*.

185863. II-116-2c-5c-(1-3c)-1c.

185870. II-120-3c-(9-11c)-8c.

185864. II-116-2c-5c-(1-3c)-4c.

185871. II-120-3c-(9-11c)-25c.

185865. II-116-2c-5c-(1-3c)-10c

185872. II-120-3c-(9-11c)-26c.

185866. II-116-2c-5c-(1-3c)-12c.

185873. II-120-3c-(9-11c)-38c.

185867. II-116-2c-5c-(1-3c)-16c.

185874. II-120-3c-(9-11c)-42c.

185868. II-120-3c-(9-11c)-1c.

185875. II-120-3c-(9-11c)-46c.

185869. II-120-3c-(9-11c)-3c.

185876. II-120-3c-(9-11c)-48c.

185877 to 185879. (*Marroqui* × *Supremo*) × *Marroqui*; [*Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] × *Marroqui*.

185877. CR<sub>1</sub>-11-282-2c-8c-2c.

185878. CR<sub>1</sub>-11-282-2d-8c-3c.

185879. CR<sub>1</sub>-11-282-2c-8c-8c.

185880. *Newthatch* × *Candeal*. II-306-4c-2c-7c.

185881 to 185883. *Newthatch* × *Marroqui*.

185881. II-120-3c-(1-3c)-5c.

185882. II-130-3c-(1-3c)-17c.

185883. II-120-3c-(1-3c)-34c.

185884. *Kenya* × *Mentana*. II-56-8c-17c-1c-2c.

185885 to 185888. (*Marroqui* × *Newthatch*) × *Newthatch*.

185885. CR<sub>1</sub>-11-478-3L-4L-1c.

185887. CR<sub>1</sub>-11-478-3L-4L-48c.

185886. CR<sub>1</sub>-11-478-3L-4L-3c.

185888. CR<sub>1</sub>-11-478-3L-4L-57c.

185889 to 185892. *Newthatch* × *Marroqui*.

185889. CR<sub>1</sub>-11-116-2c-8c-1c-1c.

185891. II-116-2c-8c-1c-14c.

185890. II-116-2c-8c-1c-8c.

185892. II-116-2c-8c-1c-27c.

185893 and 185894. (*Candeal* × *Newthatch*) × *Candeal*.

185893. CR<sub>1</sub>-11-261-4c-4c-2c-13c.

185894. CR<sub>1</sub>-11-261-4c-4c-2c-28c.

185895. (*Mentana* × *Kenya*) × *Mentana*. CR<sub>1</sub>-11-461-6L-4L-3c.

185896. (*Marroqui* × *Supremo*) × *Marroqui*; [*Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] × *Marroqui*. CR<sub>1</sub>-11-282-2c-8c-9c.

185897. (*Mentana* × *Kenya*) *Kenya*. CR<sub>1</sub>-11-463-5y-1c-1c-1c.

185898 to 185901. *Yaqui* × [(*Peru* × *Supremo*) × *Peru*]; (*Newthatch* × *Marroqui*) × { [(*Peru* × (*Surpreza* × *Hope-Mediterranean*))] × *Peru* }.

185898. II-1774.

185900. II-1778.

185899. II-1776.

185901. II-1779.

185902. *Yaqui* × (*Peru* × *Supremo*); (*Newthatch* × *Marroqui*) × [*Peru* × (*Surpreza* × *Hope-Mediterranean*)]. II-1782.

## 185861 to 186101—Continued

185903. *Mayo* × (*Peru* × *Supremo*); (*Newthatch* × *Marroqui*) × [*Peru* × (*Surpreza* × *Hope-Mediterranean*)]. II-1784.
185904. (*Timstein* × *Newthatch*) × *Marroqui*. II-1862.
185905. *Gabo* × (*Peru* × *Supremo*) × *Peru*; *Gabo* × *Peru* × (*Surpreza* × *Hope-Mediterranean*) × *Peru*. II-1902.
185906. *Kenya* × (*Newthatch* × *Marroqui*). II-1918.
185907. *Mentana* × (*Newthatch* × *Peru*). II-1930.
185908. *Peru* × (*Egypt Lol* × *Timstein*). II-1964.
185909. *Sunset* × *Yaqui*; *Sunset* × (*Newthatch* × *Marroqui*). II-1989.
185910. (*Newthatch* × *Marroqui*) × *Rafaela*. II-2016.
185911. [(*Newthatch* × *Marroqui*) × (*Mentana* × *Kenya*)] × *Oliva*. II-2133.
185912. (*Peru* × *Supremo*) × *Newthatch*; [*Peru* × (*Surpreza* × *Hope-Mediterranean*)] × *Newthatch*. II-2150.
185913. *Mayo* × (*Supremo* × *Peru*); (*Newthatch* × *Marroqui*) × [(*Surpreza* × *Hope-Mediterranean*) × *Peru*]. II-2191.
185914. *Yaqui* × (*Peru* × *Mentana*); (*Newthatch* × *Marroqui*) × (*Peru* × *Mentana*). II-2250.
185915. *Yaqui* × (*Egypt Lol* × *Timstein*); (*Newthatch* × *Marroqui*) × (*Egypt Lol* × *Timstein*). II-2257.
185916. *Yaqui* × (*Supremo* × *Peru*); (*Newthatch* × *Marroqui*) [(*Surpreza* × *Hope-Mediterranean*) × *Peru*]. II-2265.
185917. [(*Newthatch* × *Marroqui*) × (*Mentana* × *Regent*)] × (*Supremo* × *Kenya*) × *Supremo*; [*Newthatch* × *Marroqui* × (*Mentana* × *Regent*)] [(*Surpreza* × *Hope-Mediterranean*) × *Kenya*] × (*Surpreza* × *Hope-Mediterranean*). II-2316.
185918. [*Mayo* × (*Peru* × *Supremo*)] × (*Peru* × *Kenya*); { (*Newthatch* × *Marroqui*) × [*Peru* × (*Surpreza* × *Hope-Mediterranean*)] } × (*Peru* × *Kenya*). II-2380.
185919. (*Egypt Lol* × *Supremo*) × *Ramona 44*; [*Egypt Lol* × (*Surpreza* × *Hope-Mediterranean*)] × *Ramona 44*. II-2414.
185920. [(*Kenya* × *Marroqui*) × *Marroqui*] × [(*Peru* × *Supremo*) × *Peru*]; [(*Kenya* × *Marroqui*) × *Marroqui*] × { [*Peru* × (*Surpreza* × *Hope-Mediterranean*)] × *Peru* }. II-2447.
185921. [(*Aguilera* × *Kenya*) × *Newthatch*] × (*Newthatch* × *Marroqui*) × (*Peru* × *Supremo*) × *Supremo*; [(*Aguilera* × *Kenya*) × *Newthatch*] × (*Newthatch* × *Marroqui*) × *Peru* × (*Surpreza* × *Hope-Mediterranean*) × (*Surpreza* × *Hope-Mediterranean*). II-2493.
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- 185923 and 185924. *Baart 46* × *Yaqui*; *Baart 46* × (*Newthatch* × *Marroqui*).
185923. II-2577.
185924. II-2581.
185925. *Kenya* × *Yaqui*; *Kenya* × (*Newthatch* × *Marroqui*). II-2584.
185926. [(*Aguilera* × *Kenya*) × (*Marroqui* × *Supremo*)] × (*Newthatch* × *Marroqui*); { (*Aguilera* × *Kenya*) × [*Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] } × (*Newthatch* × *Marroqui*). II-2954.

## 185861 to 186101—Continued

185927. [(*Aguilera* × *Kenya*) × (*Marroqui* × *Supremo*)] × *Gabo*;  
 { [(*Aguilera* × *Kenya*) × [*Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] } × *Gabo*. II-2600.
185928. [(*Aguilera* × *Kenya*) × (*Marroqui* × *Supremo*)] × (*Newthatch* × *Marroqui*); { [(*Aguilera* × *Kenya*) × *Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] } × (*Newthatch* × *Marroqui*). II-2603.
185929. [(*Aguilera* × *Kenya*) × (*Marroqui* × *Supremo*)] × (*Timstein* × *Newthatch*); { [(*Aguilera* × *Kenya*) × *Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] } × (*Timstein* × *Newthatch*). II-2613.
185930. (*Newthatch* × *Marroqui*) × *Kenya*. II-2633.
185931. *Yaqui* × [(*Peru* × *Supremo*) × *Peru*] × *Yaqui*; (*Newthatch* × *Marroqui*) { [*Peru* × (*Surpreza* × *Hope-Mediterranean*) × *Peru*] } × (*Newthatch* × *Marroqui*). CR<sub>1</sub>-11-1779.
185932. *Pelon Colorado* × *Supremo*; *Pelon Colorado* × (*Surpreza* × *Hope-Mediterranean*). II-888.
- 185933 and 185934. (*Pelon Colorado* × *Ren*) × (*Ren* × *Supremo*); (*Pelon Colorado* × *Ren*) × [*Ren* × (*Surpreza* × *Hope-Mediterranean*)].
185933. II-938.
185934. II-939.
- 185935 to 185975. (*Newthatch* × *Marroqui*) × [(*Peru* × *Supremo*) × *Peru*]; (*Newthatch* × *Marroqui*) × { [*Peru* × (*Surpreza* × *Hope-Mediterranean*)] × *Peru* }.
- |                       |                      |
|-----------------------|----------------------|
| 185935. II-1774-1c.   | 185956. II-1776-3c.  |
| 185936. II-1774-2c.   | 185957. II-1776-4c.  |
| 185937. II-1774-18c.  | 185958. II-1776-5c.  |
| 185938. II-1774-4c.   | 185959. II-1776-6c.  |
| 185939. II-1774-5c.   | 185960. II-1776-7c.  |
| 185940. II-1774-6c.   | 185961. II-1776-8c.  |
| 185941. II-1774-7c.   | 185962. II-1776-9c.  |
| 185942. II-1774-8c.   | 185963. II-1775-1c.  |
| 185943. II-1774-9c.   | 185964. II-1775-6c.  |
| 185944. II-1774-10c.  | 185965. II-1776-12c. |
| 185945. II-1774-11c.  | 185966. II-1775-9c.  |
| 185946. II-1774-12c.  | 185967. II-1775-8c.  |
| 185947.* II-1774-13c. | 185968. II-1776-15c. |
| 185948. II-1774-14c.  | 185969. II-1776-16c. |
| 185949. II-1774-15c.  | 185970. II-1776-17c. |
| 185950. II-1774-16c.  | 185971. II-1776-11c. |
| 185951. II-1774-17c.  | 185972. II-1776-12c. |
| 185952. II-1774-19c.  | 185973. II-1776-9c.  |
| 185953. II-1774-21c.  | 185974. II-1776-8c.  |
| 185954. II-1776-3c.   | 185975. II-1776-25c. |
| 185955. II-1776-2c.   |                      |
- 185976 to 185980. *Newthatch* × *Marroqui*.
- |                                 |                               |
|---------------------------------|-------------------------------|
| 185976. II-116-2c-4c-(1-5c)-4c. | 185979. II-116-2c-8c-1c-26c.  |
| 185977. II-116-2c-8c-1c-1c.     | 185980. II-120-3c-(9-11c)-1c. |
| 185978. II-116-2c-8c-1c-20c.    |                               |

## 185861 to 186101—Continued

185981 to 185985. (*Mentana* × *Kenya*) × *Mentana*.185981. CR<sub>1</sub>-II-461-5L-6L-2c.

185984. II-478-3L-4c-1c.

185982. II-478-3L-2L-1y.

185985. II-478-11L-3L-4L-2c.

185983. II-478-3L-3c-4L-2y.

185986 to 185992. *Peru* × *Supremo*; *Peru* × (*Surpreza* × *Hope-Mediterranean*).

185986. II-888-2y-1c-3c.

185990. II-888-7y-3c-4c.

185987. II-888-2y-1c-4c.

185991. II-888-7y-3c-5c.

185988. II-888-2y-1c-5c.

185992. II-888-7y-4c-3c.

185989. II-888-7y-2c-2c.

185993 to 186007. (*Pelon Colorado* × *Renown*) × (*Renown* × *Supremo*); (*Pelon Colorado* × *Renown*) × [*Renown* × (*Surpreza* × *Hope-Mediterranean*)].

185993. II-938-2y-7c-1c.

186001. II-938-7y-2c-2c.

185994. II-938-2y-7c-2c.

186002. II-938-7y-4c-2c.

185995. II-938-4c-1c-1c.

186003. II-938-12y-1c-1c.

185996. II-938-4c-1c-7c.

186004. II-938-12y-1c-2c.

185997. II-938-4c-1c-2c.

186005. II-938-12y-1c-3c.

185998. II-938-4y-2c-4c.

186006. II-938-12y-1c-4c.

185999. II-938-7y-1c-1c.

186007. II-938-12y-2c-1c.

186000. II-938-7y-1c-4c.

186008 to 186012. *Aguilera* × *Kenya* × (*Marroqui* × *Supremo*); { *Aguilera* × *Kenya* × [*Marroqui* × (*Surpreza* × *Hope-Mediterranean*)] }.

186008. II-1088-2y-3c-12c.

186011. CD-II-1088-3y-3c-8c.

186009. II-1088-3y-2c-9c.

186012. CD-II-1088-4y-3c-10c.

186010. II-1088-3y-2c-14c.

186013 to 186043. [(*Kenya* × *Marroqui*) × *Marroqui*] × *Peru*.

186013. II-1442-3c-3c-1c.

186029. II-1442-4c-1c-7c.

186014. II-1442-3c-3c-2c.

186030. II-1442-4c-1c-8c.

186015. II-1442-3c-3c-3c.

186031. II-1442-4c-1c-9c.

186016. II-1442-3c-3c-4c.

186032. II-1442-4c-1c-10c.

186017. II-1442-3c-3c-5c.

186033. II-1442-4c-1c-11c.

186018. II-1442-3c-3c-6c.

186034. II-1442-4c-1c-12c.

186019. II-1442-3c-3c-7c.

186035. II-143-2c-2c-1c.

186020. II-1442-3c-3c-8c.

186036. II-143-2c-2c-2c.

186021. II-1442-3c-3c-9c.

186037. II-143-2c-2c-3c.

186022. II-1442-3c-3c-10c.

186038. II-1443-2c-2c-4c.

186023. II-1442-3c-3c-11c.

186039. II-1443-2c-2c-5c.

186024. II-1442-4c-1c-1c.

186040. II-1443-2c-2c-6c.

186025. II-1442-4c-1c-2c.

186041. II-1443-2c-2c-7c.

186026. II-1442-4c-1c-3c.

186042. II-1443-2c-2c-8c.

186027. II-1442-4c-1c-5c.

186043. II-1443-2c-2c-9c.

186028. II-1442-4c-1c-6c.

## 185861 to 186101—Continued

186044 to 186088. [*(Marroqui*  $\times$  *Supremo*)  $\times$  *Marroqui*]  $\times$  *Peru*; { [*Marroqui*  $\times$  (*Surpreza*  $\times$  *Hope-Mediterranean*)]  $\times$  *Marroqui* }  $\times$  *Peru*.

186044. II-1462-1c-1c-1c. 186067. II-1462-2c-1c-10c.

186045. II-1462-1c-1c-2c. 186068. II-1462-2c-1c-11c.

186046. II-1462-1c-1c-3c. 186069. II-1462-2c-1c-12c.

186047. II-1462-1c-1c-4c. 186070. II-1462-2c-1c-13c.

186048. II-1462-1c-1c-5c. 186071. II-1462-2c-1c-14c.

186049. II-1462-1c-1c-6c. 186072. II-1462-2c-1c-15c.

186050. II-1462-1c-1c-7c. 186073. II-1462-2c-2c-1c.

186051. II-1462-1c-1c-8c. 186074. II-1462-2c-2c-2c.

186052. II-1462-1c-1c-9c. 186075. II-1462-2c-2c-3c.

186053. II-1462-1c-1c-10c. 186076. II-1462-2c-2c-4c.

186054. II-1462-1c-1c-11c. 186077. II-1462-2c-2c-5c.

186055. II-1462-1c-1c-12c. 186078. II-1462-2c-2c-6c.

186056. II-1462-1c-1c-13c. 186079. II-1462-2c-2c-7c.

186057. II-1462-1c-1c-14c. 186080. II-1462-2c-2c-8c.

186058. II-1462-2c-1c-1c. 186081. II-1462-2c-2c-9c.

186059. II-1462-2c-1c-2c. 186082. II-1462-2c-2c-10c.

186060. II-1462-2c-1c-3c. 186083. II-1462-2c-2c-11c.

186061. II-1462-2c-1c-4c. 186084. II-1462-2c-2c-12c.

186062. II-1462-2c-1c-5c. 186085. II-1462-2c-2c-13c.

186063. II-1462-2c-1c-6c. 186086. II-1462-2c-2c-14c.

186064. II-1462-2c-1c-7c. 186087. II-1462-2c-2c-15c.

186065. II-1462-2c-1c-8c. 186088. II-1462-2c-2c-16c.

186066. II-1462-2c-1c-9c.

186089 and 186090. (*Aguilera*  $\times$  *Kenya*)  $\times$  (*Marroqui*  $\times$  *Supremo*); (*Aguilera*  $\times$  *Kenya*)  $\times$  [*Marroqui*  $\times$  (*Surpreza*  $\times$  *Hope-Mediterranean*)].

186089. CD-II-1088-2y-3c-101c.

186090. CD-II-1088-2y-3c-102c.

186091. (*Pelon Colorado*  $\times$  *Renown*)  $\times$  (*Renown*  $\times$  *Supremo*); (*Pelon Colorado*  $\times$  *Renown*)  $\times$  [*Renown*  $\times$  (*Surpreza*  $\times$  *Hope-Mediterranean*)]. CD-II-938-3L-1L-2c-102c.

186092. *Yaqui* 49  $\times$  (*Newthatch*  $\times$  *Marroqui*); (*Newthatch*  $\times$  *Marroqui*)  $\times$  *Newthatch*  $\times$  *Marroqui*. II-120-3c-10c-100c.

186093. *Kentana* 48. 1-49-50.

186094. *Yaqui* 48; (*Newthatch*  $\times$  *Marroqui*). 1-49-50.

186095. *Nazas* 48.

186096. *Supremo* 211; (*Surpreza*  $\times$  *Hope-Mediterranean*). 1-49-50.

186097. *Yaqui* 48; (*Newthatch*  $\times$  *Marroqui*).

186098. *Mayo*; (*Newthatch*  $\times$  *Marroqui*). II-116-2.511-3.

186099. *Mayo* 48; (*Newthatch*  $\times$  *Marroqui*). II-116-2c-5c-(1-3c).

186100. *Chapingo* 48.

186101. *Chapingo*. II-120-3-1-c.

**186102. POLYGALA SENEGA L. Polygalaceae.**

From Canada. Seeds presented by James Kucyniak, Montreal Botanical Garden, Montreal, Quebec. Received Jan. 25, 1950.

**186103. ATTALEA COHUNE Mart. Phoenicaceae. Cohune palm.**

From Honduras. Seeds presented by the American Consular Agency, La Ceiba. Received Jan. 25, 1950.

**186104 to 186117.**

From the British Cameroons and Nigeria. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 6, 1950.

186104 to 186112. From the British Cameroons.

186104. *ALLIUM* sp. Liliaceae.

Bulb.

186105. *CRINUM PURPURASCENS* Herb. Amaryllidaceae.

Bulb.

186106. *DIOSCOREA* sp. Dioscoreaceae.

Tuber.

186107. *SOLANUM* sp. Solanaceae.

Tubers.

186108. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**

Tubers.

186109. *ORITHOGALUM* sp. Liliaceae.

Bulb.

186110 to 186112. Tubers.

186110. (Undetermined.)

186111. (Undetermined.)

186112. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**

186113 to 186117. From Nigeria.

186113. *GLADIOLUS QUARTINIANUS* A. Rich. Iridaceae.

Abeokuta. Bulbs.

186114. *GLADIOLUS* sp.

Ijoko. Bulbs.

186115. *DIOSCOREA* sp. Dioscoreaceae.

Agege. Tubers.

186116. (Undetermined.)

Ibadan. Bulbs.

186117. (Undetermined.)

Ijoko. Bulbs.

**186118. ACER GRISEUM (Franch.) Pax. Aceraceae.**

From England. Seeds presented by Thompson and Morgan Ltd., Ipswich. Received Jan. 6, 1950.

**186119. PRUNUS PERSICA (L.) Batsch. Amygdalaceae. Peach.**

From New Jersey. Plants presented by the New Jersey Peach Council, Princeton. Numbered in January 1950.

*Cherry Red.*

**186120. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.**

From the Gold Coast. Seeds collected by A. T. Semple, Food and Agriculture Organization, United Nations, Washington, D. C. Received Jan. 9, 1950.

From Addra.

**186121 to 186156. HORDEUM VULGARE L. Poaceae. Barley.**

From Korea. Seeds obtained through H. C. Gauger, American Mission in Korea, APO 404, San Francisco, Calif. Received Jan. 9, 1950.

186121. *Bae-chi*. Winter type.

186122. *Baec-dong*. Winter type.

186123. *Baec-dong*. Winter type.

186124. *Baec Maec*. Spring type.

186125. *Chae-rae-baec*. Spring type.

186126. *Chae-rae-baec*. Winter type.

186127. *Chae-rae-chong*. Spring type.

186128 to 186156. Winter type.

186128. *Chae-rae-yuk-kac*.

186143. *Suwon No. 6.*

186129. *Chung-bori*.

186144. *Suwon No. 7.*

186130. *Dae-chon-yuc-kac*.

186145. *Suwon No. 8.*

186131. *Dong-bori*.

186146. *Suwon No. 9.*

186132. *Hoe-ryang-chae-rae*.

186147. *Suwon No. 11.*

186133. *Koyang-chae-rae*.

186148. *Suwon No. 12.*

186134. *Kwanchi*.

186149. *Suwon No. 13.*

186135. *Kyong No. 1.*

186150. *Suwon No. 14.*

186136. *Kyong No. 2.*

186151. *Suwon No. 15.*

186137. *Kyong No. 3.*

186152. *Suwon No. 16.*

186138. *Nul-bori*.

186153. *Suwon No. 17.*

186139. *Suwon No. 2.*

186154. *Suwon No. 19.*

186140. *Suwon No. 3.*

186155. *Suwon No. 20.*

186141. *Suwon No. 4.*

186156. *Yung-wol-yuc-kac.*

186142. *Suwon No. 5.*

**186157. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Utah. Seeds collected in Farmington by L. P. McCann, United States Plant Introduction Garden, Glenn Dale, Md.

**186158. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by the Centro de Recherches Agronomiques, Pont-de-la-Maye. Received Jan. 10, 1950.

*Terret Noir*.

**186159 to 186167.**

From the French Cameroons. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 11, 1950.

186159. *DRACAENA* sp. Liliaceae.

Douala. Cutting.

186160. *STROPHANTHUS GRACILIS* Schum. & Pax. Apocynaceae.

No. 14005. Douala. Plants.

## 186159 to 186167—Continued

186161. STROPHANTHUS GRATUS (Wall. & Hook.) Baill.

Bipendi. Cuttings.

186162. STROPHANTHUS SARMENTOSUS DC.

No. 13965. Plant.

186163. STROPHANTHUS THOLLONII Franch.

No. 13923. Bipendi. Cuttings.

186164. STROPHANTHUS sp.

No. 13925. Bipendi. Cuttings.

186165. STROPHANTHUS sp.

No. 13927. Bipendi. Plants.

186166. DIOSCOREA BULBIFERA L. Dioscoraceae.

Tuber.

186167. HAEMANTHUS sp. Amaryllidaceae.

Bulbs.

186168. TRIFOLIUM PRATENSE L. Fabaceae. **Red clover.**

From Czechoslovakia. Seeds presented by the American Embassy, Praha.  
Received Jan. 12, 1950.

(No data.)

## 186169 to 186174.

From Japan. Seeds presented by E. B. Coffman, Natural Resource Section  
SCAP, APO 500, San Francisco, Calif. Received Jan. 12, 1950.

186169. AMORPHA FRUTICOSA L. Fabaceae.

**Indigobush.**

186170. CASSIA MIMOSOIDES L. Fabaceae.

186171. LESPEDEZA CUNEATA (Dum.-Cours.) G. Don. Fabaceae.

186172. LESPEDEZA STRIATA (Thunb.) Hook. & Arn.

186173. LESPEDEZA sp.

186174. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae.

**Kudzu.**

186175. DOLICHOS LABLAB L. Fabaceae. **Hyacinth-bean.**

From Iraq. Seeds presented by the Rev. G. J. Pennings, Amarah. Received  
Jan 12, 1950.

## 186176 to 186181. SOLANUM spp. Solanaceae.

From Peru. Seeds presented by Dr. C. Ochoa, Huancayo. Received Jan. 12,  
1950.

186176. SOLANUM ACAULE var. PUNAE (Juz.) Hawkes.

186177 to 186180. SOLANUM ANDIGENUM Juz. & Buk.

186177. *Chihuanhuay.*

186179. *Vacapa Ccallum.*

186178. *Puca Paltacc.*

186180. *Vacapa Rurum.*

186181. SOLANUM CURTILOBUM Juz. & Buk.

*Shiri.*

186182 to 186231. ZEA MAYS L. Poaceae. **Corn.**

From Wisconsin. Seeds presented by N. P. Neal, Agricultural Experiment  
Station, Madison. Received Jan. 12, 1950.

186182 to 186191. Originally from Uruguay.



## 186182 to 186231—Continued

- |   |                         |
|---|-------------------------|
| 186182. Inbred 378.   | 186187. Inbred 610.     |
| 186183. Inbred 379.   | 186188. Inbred 619.     |
| 186184. Inbred 381.   | 186189. Inbred 621.     |
| 186185. Inbred 605.   | 186190. Inbred 624.     |
| 186186. Inbred 606.   | 186191. Inbred 627.     |
| 186192. Inbred 45. Originally from Australia.                       |                         |
| 186193 and 186194. Originally from South Africa.                    |                         |
| 186193. Inbred A-243-1.   |                         |
| 186194. Inbred A-256.   |                         |
| 186195 to 186200. Originally from Australia.                        |                         |
| 186195. Inbred 41.  | 186198. Inbred 64.      |
| 186196. Inbred 109.   | 186199. Inbred 141.     |
| 186197. Inbred 100.   | 186200. Inbred 122.     |
| 186201 to 186203. Originally from Venezuela.                        |                         |
| 186201. <i>Sicarigua</i> .  |                         |
| 186202. <i>White Dent</i> .   |                         |
| 186203. <i>White Capped Y.D.</i>                                    |                         |
| 186204. <i>Yellow Dent</i> . Originally from Palestine.             |                         |
| 186205. <i>Yellow Popcorn</i> . Originally from Venezuela.          |                         |
| 186206. <i>White Pearl Popcorn</i> . Originally from Argentina.     |                         |
| 186207. <i>Yellow Flint</i> . Originally from India.                |                         |
| 186208. <i>Boesman Yellow Flint</i> . Originally from South Africa. |                         |
| 186209. <i>Yellow Flint</i> . Originally from Venezuela.            |                         |
| 186210. <i>Yellow Flint</i> . Originally from India.                |                         |
| 186211. <i>Yellow Flint</i> . Originally from Peru.                 |                         |
| 186212 to 186214. Originally from South Africa.                     |                         |
| 186212. <i>Goutron Flint</i> .                                      |                         |
| 186213. <i>Natal 8-Row Flint</i> .                                  |                         |
| 186214. <i>White Flint</i> .  |                         |
| 186215 to 186223. Originally from Argentina.                        |                         |
| 186215. Inbred 2-687.   | 186220. Inbred 34-1196. |
| 186216. Inbred 1-1265.  | 186221. Inbred 39-1084. |
| 186217. Inbred 19-86.   | 186222. Inbred 39-1546. |
| 186218. Inbred 34-1141.   | 186223. Inbred 41-1781. |
| 186219. Inbred 34-1181.   |                         |
| 186224. Inbred 42-492. Originally from Brazil.                      |                         |
| 186225. Inbred 46. Originally from Australia.                       |                         |
| 186226 to 186231. Originally from Uruguay.                          |                         |
| 186226. Inbred 305.   | 186229. Inbred 321.     |
| 186227. Inbred 309.   | 186230. Inbred 334.     |
| 186228. Inbred 317.   | 186231. Inbred 358.     |

**186232. SORGHUM VULGARE Pers. Poaceae.**

From Costa Rica. Seeds collected by R. E. Buchanan, Iowa State College, Ames, Iowa. Received Jan. 12, 1950.

**186233. ZEA MAYS L. Poaceae.****Corn.**

From Australia. Seeds collected by John Lonnquist, Nebraska Agricultural Experiment Station, Lincoln, Nebr. Received Jan. 12, 1950.

*Fitzroy OP.*

**186234 to 186236. CERCIS. Caesalpiniaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Jan. 2, 1950.

186234. *Cercis chinensis* × *C. canadensis*. Upright bush with flowers almost as large as *C. chinensis* and very numerous.

186235. *C. siliquastrum* × *C. chinensis*. Upright habit with very large flowers, almost the size of *C. siliquastrum*.

186236. *C. siliquastrum* × *C. chinensis*. Similar to P. I. No. 186235 but with spreading habit.

**186237 to 186255.**

From Western Africa. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils and Agricultural Engineering, Beltsville, Md. Received Jan. 13, 1950.

From the French Cameroons unless otherwise noted.

**186237. STROPHANTHUS sp. Apocynaceae.**

Douala. Seeds.

**186238. FUNTUMIA sp. Apocynaceae.**

Lolodorf. Seeds.

**186239. FUNTUMIA sp.**

Lolodorf. Seeds.

**186240 and 186241. STROPHANTHUS GRATUS (Wall. & Hook.) Baill. Apocynaceae.**

186240. Lolodorf. No. 2. Seeds.

186241. Bipendi. No. 1. Seeds.

**186242 to 186244. STROPHANTHUS SARMENTOSUS DC.**

186242. No. 13965. Yola, Nigeria. Seeds.

186243. No. 13965. Yola, Nigeria. Seeds.

186244. No. 13965. Yola, Nigeria. Seeds.

**186245. STROPHANTHUS sp.**

No. 13969. Yola, Nigeria. Seeds.

**186246. STROPHANTHUS sp.**

No. 13969. Yola, Nigeria. Seeds.

**186247. (Undetermined.)**

No. 14006. Douala. Seeds.

**186248 to 186250. STROPHANTHUS GRATUS (Wall. & Hook.) Baill. Apocynaceae.**

Seeds.

186248. No. 1. Yola, Nigeria.

186249. No. 13928. Bipendi.

186250. No. 13931. Zomo.

**186237 to 186255—Continued****186251 and 186252.** STROPHANTHUS SARMENTOSUS DC.

186251. No. 13965. Yola, Nigeria.

186252. No. 13966. Yola, Nigeria. Seeds.

**186253.** STROPHANTHUS THOLLONII Franch.

No. 13923. Bipendi.

**186254.** (Undetermined.)

No. 13969.

**186255.** (Undetermined.)

No. 14006.

**186256.** GARDENIA THUNBERGIA L. f. Rubiaceae.

From the Union of South Africa. Seeds presented by A. McMartin, Mount Edgecombe, Natal. Received Jan. 13, 1950.

**186257 to 186263.** VITIS VINIFERA L. Vitaceae.**European grape.**

From Canada. Cuttings presented by the Horticultural Experiment Station, Vineland, Ontario. Received Jan. 16, 1950.

186257. Seibel 5409.

186261. Seibel 10868.

186258. Seibel 8229.

186262. Seibel 14664.

186259. Seibel 8745.

186263. Seibel 15062.

186260. Seibel 9110.

**186264.** PRUNUS. Amygdalaceae.

From the Netherlands. Cuttings presented by the Institute for Horticulture and Plant Breeding, Wageningen. Received Jan. 17, 1950.

*Rode Reine Claude d'Oullins Van Gorinchem.***186265 to 186271.** AVENA SATIVA L. Poaceae.**Oats.**

From Argentina. Seeds presented by Enrique C. Clos, Ministry of Agriculture, Buenos Aires. Received Jan. 17, 1950.

186265. *Buck Selection 214.*186266. *Criolla Saltana.*186267. *Desnuda Del Ing. Posse.*186268. *La Prevision 7.*

186269. D. L. 41372 I. F. Santa Catalina.

186270. M. C. 41374 I. F. Santa Catalina.

186271. 06/39. Local selection.

**186272.** PISUM SATIVUM L. Fabaceae.**Pea.**

From Sweden. Seeds presented by W. Weibull, Landskrona. Received Jan. 17, 1950.

*Kloster.***186273.** (Undetermined.)

From the French Cameroons. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 17, 1950.

## 186274 to 186361.

From Australia. Seeds presented by Dr. William Hartley, Australian Council for Scientific and Industrial Research, Canberra, A. C. T. Received Jan. 18, 1950.

186274. *ADESMIA MURICATA* (Jacq.) DC. Fabaceae.  
 186275. *AGROPYRON CAMPESTRE* Gren. & Godr. Poaceae.  
 186276. *ALOPECURUS VENTRICOSUS* (Gouan) Huds. Poaceae.  
 186277. *ANDROPOGON GAYANUS* Kunth. Poaceae.  
 186278. *ANDROPOGON GAYANUS* var. *SQUAMULATUS* (Hochst.) Stapf.  
 196279. *ANTHOXANTHUM ARISTATUM* Boiss. Poaceae.  
 186280. *ARACHIS HYPOGAEA* f. *NAMBYQUARAE* (Hoehne) F. J. Hermann. Fabaceae.  
 186281. *ARRENATHERUM THOREI* Du Rieu. Poaceae.  
 186282. *ASTRAGALUS GALEGIFORMIS* L. Fabaceae. Milkvetch.  
 186283. *ASTRAGALUS MUCRONATUS* DC.  
 186284. *BISERRULA PELECINUS* L. Fabaceae.  
 186285. *BOSSIAEA BUXIFOLIA* A. Cunn. Fabaceae.  
 186286. *BOTHRIOCHLOA AMBIGUA* S. T. Blake. Poaceae.  
 186287. *BOTHRIOCHLOA GLABRA* (Roxb.) A. Camus.  
 186288. *BRACHYPODIUM PHOENICOIDES* (L.) Roem. & Schult. Poaceae.  
 186289. *BROMUS CARINATUS* Hook. & Arn. Poaceae. Mountain bromegrass.  
 186290. *BROMUS COLORATUS* Steud.  
 186291. *BROMUS JAPONICUS* Thunb.  
 186292. *BROMUS MACROSTACHYS* Desf.  
 186293. *BROMUS MARITIMUS* (Piper) Hitchc.  
 186294. *BROMUS MOLLIS* L.  
 186295. *BROMUS RIGENS* L.  
 Introduced as ssp. *maximus*, an apparently unpublished name.  
 186296. *BROMUS SECALINUS* L. Chess.  
 186297. *CATAPODIUM TUBERCULOSUM* Moris. Poaceae.  
 186298. *CHAETURUS FASCICULATUS* Link. Poaceae.  
 186299. *CORONILLA SCORPIOIDES* (L.) Koch. Fabaceae.  
 186300. *CROTALARIA INTERMEDIA* Kotschy. Fabaceae.  
 186301. *CROTALARIA JUNCEA* L. Sunn-hemp.  
 186302. *CROTALARIA NOVAE-HOLLANDIAE* DC.  
 186303. *CROTALARIA ORIXENSIS* Willd.  
 186304. *CROTALARIA MUCRONATA* Desv.  
 186305. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.  
 186306. *DACTYLIS GLOMERATA* var. *HISPANICA* (Roth) Duby. Poaceae.  
 186307. *DACTYLIS MARITIMA* Curtis.  
 186308. *DACTYLIS VORONOWII* Ovez.  
 186309. *DANTHONIA PALLIDA* R. Br. Poaceae. Silver grass.  
 186310. *DESMODIUM DISCOLOR* Vogel. Fabaceae.

## 186274 to 186361—Continued

186311. *DESMODIUM VARIANS* G. Don.  
 186312. *DILLWYNIA ERICIFOLIA* Smith. Fabaceae.  
 186313. *EHRHARTA CALYCINA* P. E. Smith. Poaceae. Perennial veldtgrass.  
 186314. *EHRHARTA ERECTA* Lam.  
 186315. *EHRHARTA LONGIFLORA* J. E. Smith.  
 186316. *ELYMUS MACOUNII* Vasey. Poaceae.  
 186317. *ELYMUS PROPINQUUS* Fresen.  
 186318. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.  
 186319. *FESTUCA MUELLERI* Vick.  
 186320. *HETEROPOGON CONTORTUS* (L.) Beauv. Poaceae.  
 186321. *INDIGOFERA AUSTRALIS* Willd. Fabaceae. Indigo.  
 186322. *ISEILEMA VAGINIFLORUM* Domin. Poaceae.  
 186323. *KOELERIA POLONICA* Domin. Poaceae.  
 186324. *LATHYRUS ANNUUS* Hoejer. Fabaceae.  
 186325. *LOLIUM RIGIDUM* Gaud. Poaceae.  
 186326. *LOTUS PURSHIANUS* (Benth.) Clements and Clements. Fabaceae.  
 186327. *LOTUS WEILLERI* Marie.  
 186328. *LUPINUS ELEGANS* H. B. K. Fabaceae.  
 186329. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat. Fabaceae. Burclover.  
 186330. *MELILOTUS* sp. Fabaceae.  
 186331. *MEDICAGO SCUTELLATA* (L.) Mill. Fabaceae. Snail medic.  
 186332. *ONOBRYCHIS* sp. Fabaceae.  
 Introduced as *O. halacysana*, an apparently unpublished name.  
 186333. *ONONIS VISCOSA* L. Fabaceae.  
 186334. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook. Poaceae.  
 186335. *SECURIGERA SECURIDACA* (L.) Deg. & Doerfl. Fabaceae.  
 186336. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. Pearl millet.  
 186337. *PENNISETUM PEDICELLATUM* Trin.  
 186338. *PENNISETUM SPICATUM* (L.) Willd. Pearl millet.  
 186339. *PHALARIS ANGUSTA* Trin. Poaceae.  
 186340. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
 No. 814.  
 186341. *PHASEOLUS CALCARATUS* Roxb. Rice bean.  
 186342. *PHLEUM PHLEOIDES* (L.) Karst. Poaceae. Timothy.  
 186343. *POLYPOGON CHILENSIS* (Kunth) Pilger. Poaceae.  
 186344. *SESBANIA EXALTATA* (Raf.) Rydb. Fabaceae.  
 186345. *SESBANIA PAULENSIS* Barb.  
 186346. *SETARIA ARGENTINA* Herm. Poaceae.  
 186347. *SPOROBOLUS ELONGATUS* R. Br. Poaceae.  
 186348. *STIPA CHARRUANA* Arech. Poaceae. Feathergrass.  
 186349. *STIPA DENSIFLORA* Hughes.

## 186274 to 186361—Continued

186350. *STIPA ICHU* (Ruiz & Pav.) Kunth.  
 186351. *STIPA LEUCOTRICHIA* Trin. **Feathergrass.**  
 186352. *STYLOSANTHES BOJERI* Vog. Fabaceae.  
 186353. *THEMEDA AUSTRALIS* (R. Br.) Stapf. Poaceae.  
 186354 and 186355. *VICIA SATIVA* L. Fabaceae. **Common vetch.**  
     186354. No. 1.  
     186355. No. 2.  
 186356. *VICIA* sp.  
     Introduced as *V. ferruginea*, an apparently unpublished name.  
 186357. *VICIA FULGENS* Battand.  
 186358. *VICIA SCANDENS* R. P. Murray.  
 186359 to 186361. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**  
     186359. No. 34-C-261.  
     186360. No. 625.  
     186361. No. 626.

## 186362 to 186386.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Florida. Received Jan. 19, 1950.

186362. *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**  
 186363. *LOTUS ORNITHOPODIOIDES* L.  
 186364. *LOTUS TETRAGONOLOBUS* L.  
 186365. *LOTUS ULIGINOSUS* Schkuhr. **Big trefoil.**  
 186366. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae. **Lupine.**  
 186367. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat. Fabaceae. **Burclover.**  
 186368. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban. **Burclover.**  
 186369. *MEDICAGO INTERTEXTA* (L.) Mill.  
 186370. *MEDICAGO LUPULINA* L. **Black medic.**  
 186371. *ORNITHOPUS MICRANTHUS* (Benth.) Arech. Fabaceae.  
 186372. *ORNITHOPUS SATIVUS* Brot. **Serradella.**  
 186373. *TRIFOLIUM AGRARIUM* L. Fabaceae. **Clover.**  
 186374. *TRIFOLIUM ARVENSE* L.  
 186375. *TRIFOLIUM ANGUSTIFOLIUM* L.  
 186376. *TRIFOLIUM CHERLERI* Jusl.  
 186377. *TRIFOLIUM HYBRIDUM* L. **Alsike clover.**  
 186378. *TRIFOLIUM POLYMORPHUM* Poir.  
 186379. *TRIFOLIUM SCABRUM* L.  
 186380. *TRIFOLIUM SQUARROSUM* L.  
 186381. *TRIFOLIUM SUFFOCATUM* L.  
 186382. *TRIFOLIUM TOMENTOSUM* L.  
 186383. *VICIA DISPERMA* DC. Fabaceae.  
 186384. *VICIA SATIVA* L. **Common vetch.**

**186362 to 186386—Continued**186385. *VICIA VILLOSA* Roth.**Hairy vetch.**186386. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.**Cowpea.***New Era.***186387 to 186390.**

From Africa. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 19, 1950.

186387. *GOSSYPIUM* sp. Malvaceae.**Cotton.**

Ijoko, Nigeria.

186388. *SORGHUM* sp. Poaceae.

Market, Lagos, Nigeria.

186389. *SORGHUM* sp.

Market, Lagos, Nigeria.

186390. *TRIFOLIUM* sp. Fabaceae.

Bamenda, British Cameroons. Wild type.

**186391 to 186409. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From China. Seeds obtained through the Bureau of Entomology and Plant Quarantine, Seattle, Wash. Received Jan. 19, 1950.

186391. *PS 1785-847.*186401. *Un 124.*186392. *PS 11.*186402. *PS 129-63.*186393. *UN 302.*186403. *CW 438.*186394. *PS 10.*186404. *PS 1785-89.*186395. *PS 1785-497.*186405. *YS 1885.*186396. *YS 1817.*186406. *PS 8.*186397. *PS 3.*186407. *PS 129-115.*186398. *UN 169.*186408. *HN 6.*186399. *PS 5.*186409. *Tgn 72.*186400. *HN 5.***186410 to 186413. SESAMUM INDICUM L. Pedaliaceae. Sesame.**

From Venezuela. Seeds collected by Kenneth Kopf, Iowa Agricultural Experiment Station, Ames, Iowa. Received Jan. 19, 1950.

186410. *Indehiscent.*186411. *Venezuela 51.* Reported to be non-shattering type.186412. *Venezuela 52.* Reported to be non-shattering type.186413. *43-80.***186414. AGAVE VICTORIAE-REGINAE T. Moore. Amaryllidaceae.**

From France. Seeds presented by Vilmorin-Andrieux & Co., Paris. Received Jan. 20, 1950.

**186415 to 186428. HORDEUM spp. Poaceae.****Barley.**

From France. Seeds presented by the Ministry of Agriculture, Versailles. Received Jan. 20, 1950.

186415 to 186422. *HORDEUM VULGARE* L.

Winter type.

## 186415 to 186428—Continued

- |                                    |   |
|------------------------------------|---|
| 186415. <i>Albert.</i>             | 186419. <i>Hatif du Moulin.</i>           |
| 186416. <i>Bordia.</i>             | 186420. <i>Hexagonale de Wagnonville.</i> |
| 186417. <i>Escourgeon Nouveau.</i> | 186421. <i>Ondine.</i>                    |
| 186418. <i>Hatif de Grignon.</i>   | 186422. <i>Peragis 12.</i>                |

## 186423 to 186425. HORDEUM DISTICHON L.

186423. *Probstdorf.* Winter type.  
 186424. *Deficiens d'Abyssinia.* Spring type.  
 186425. *Jerusalem a barbes lisses.* Spring type.

## 186426. HORDEUM VULGARE L.

*o M 21.* Spring type.

## 186427 and 186428. HORDEUM DISTICHON L.

Spring type.

186427. *Souche 142 de Colmar.*

186428. *277.*

## 186429 and 186430.

From Guatemala. Seeds presented by I. E. Melhus, Tropical Research Center, Antigua. Received Jan. 20, 1950.

## 186429. ARGEMONE MEXICANA L. Papaveraceae. Mexican poppy.

Native strain said to be high in volatile oils.

## 186430. TRICHOILAENA REPENS (Willd.) Hitchc. Poaceae. Natal grass.

Grows rapidly and produces a good sod.

## 186431 to 186440.

From the French Cameroons. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 20, 1950.

## 186431 to 186435. Plants.

186431. CHLOROPHYTUM sp. Liliaceae.  
 186432. CHLOROPHYTUM sp.  
 186433. COSTUS sp. Zingiberaceae.  
 186434. LFPTOCENTRUM CAUDATUM (Lindl.) Schlechter. Orchidaceae.  
 186435. (Undetermined.)

## 186436 to 186440. Seeds.

186436. DIOSCOREA sp. Dioscoreaceae.  
 186437. DIOSCOREA DUMETORUM (Kunth) Pax.  
 186438. DIOSCOREA sp.  
 186439. PHASEOLUS VULGARIS L. Fabaceae. Common bean.  
 186440. STROPHANTHUS sp. Apocynaceae.

## 186441. HODGSONIA HETEROCLITA (Roxb.) Hook f. &amp; Thoms. Cucurbitaceae.

From India. Seeds presented by the Royal Botanic Gardens, Calcutta. Received Jan. 23, 1950.

## 186442 and 186443. CARICA PAPAYA L. Papayaceae. Papaya.

From Colombia. Seeds presented by the American Embassy, Bogotá. Received Jan. 24, 1950.



## 186442 and 186443—Continued

186442. Large fruited.

186443. Small fruited.

## 186444 to 186471.

From Africa. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received Jan. 24, 1950.

186444. *CROTALARIA* sp. Fabaceae.

Bamenda, British Cameroons.

186445. *CROTALARIA RETUSA* L.

Douala, French Cameroons.

186446. *CROTALARIA* sp.

Douala, French Cameroons.

186447. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

Abakaliki, Nigeria.

186448. *PHASEOLUS* sp.

Bafang, French Cameroons.

186449. *PHASEOLUS* sp.

Mamfe, British Cameroons.

186450. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

Catjang.

Bamenda, British Cameroons.

186451 to 186467. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

186451. No. 1. Balersong, French Cameroons.

186452. No. 2. Ijoko, Nigeria.

186453. No. 3. Ijoko, Nigeria.

186454. No. 4. Ijoko, Nigeria.

186455. No. 5. Ikom, Nigeria.

186456 to 186463. From Lagos, Nigeria.

186456. No. 6.

186460. No. 10.

186457. No. 7.

186461. No. 11.

186458. No. 8.

186462. No. 12.

186459. No. 9.

186463. No. 13.

186464. No. 14. Nlal, Nigeria.

186465. No. 15. Otta, Nigeria.

186466. No. 16. Otta, Nigeria.

186467. Nigeria. No. 17.

186468. *VIGNA* sp.

Ibadan, Nigeria.

186469. *VIGNA* sp.

Ikom, Nigeria.

186470. *VIGNA* sp.

Mamfe, British Cameroons.

186471. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

Douala, French Cameroons.

**186472 to 186475. AVENA SATIVA L. Poaceae. Oats.**

From Argentina. Seeds presented by Ricardo D. Rodriguez, Ministry of Agriculture, Buenos Aires. Received Jan. 26, 1950.

186472. La Estanzuela 3370. *Selection 1335.*

186473. La Estanzuela 3371. *Selection 1330.*

186474. La Estanzuela 3373. *Selection 1329.*

186475. La Estanzuela 3376. *Selection 1332.*

**186476 to 186478.**

From India. Seeds presented by the Department of Agriculture, Coimbatore. Received Jan. 26, 1950.

186476. CAJANUS CAJAN (L.) Druce. Fabaceae. **Pigeonpea.**

186477. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. **Guar.**

186478. GOSSYPIUM HERBACEUM L. Malvaceae. **Cotton.**

**186479 to 186481. LACTUCA spp. Asteraceae. Lettuce.**

From Japan. Seeds collected by R. E. Culbertson, Agricultural Division, Natural Resource Section, SCAP, APO 500, San Francisco, Calif. Received Jan. 26, 1950.

186479. LACTUCA sp.

Introduced as *L. gracoglossum*, an apparently unpublished name.

186480. LACTUCA SATIVA L.

186481. LACTUCA SQUARROSA (Thunb.) Miquel.

**186482 to 186511.**

From Africa. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 26, 1950.

Collected in 1949.

186482 and 186483. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

186482. Twenty miles north of Bamenda, British Cameroons. Dec. 8.

186483. Twenty-five miles north of Douala, French Cameroons. Dec. 11.

186484. ARISTOLOCHIA RINGENS Vahl. Aristolochiaceae.

Agege, Nigeria. Oct. 27.

186485. CORCHORUS OLITORIUS L. Tiliaceae. **Jute.**

Agricultural Farm, Abakaliki, Nigeria.

186486. CUCUMIS sp. Cucurbitaceae.

Mamfe, British Cameroons. Dec. 5.

186487. CUCUMIS sp.

Market, Otta, Nigeria. Nov. 6.

186488. CUCURBITA sp. Cucurbitaceae.

Bamenda, British Cameroons. Dec. 8.

186489 and 186490. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

**Watermelon.**

186489. Market, Ijoko, Nigeria. Nov. 4.

186490. Market, Abeokuta, Nigeria. Nov. 1.

186491 to 186506. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**

186491 to 186498. From the British Cameroons.

## 186482 to 186511—Continued

186491 to 186497. Bambui Agricultural Farm. Dec. 8.

186491. No. 1. 186495. No. 5.

186492. No. 2. 186496. No. 6.

186493. No. 3. 186497. No. 7.

186494. No. 4.

186498. Twenty miles north of Bamenda. Dec. 8.

186499 to 186502. Agricultural Farm, Abakaliki, Nigeria.

186499. Yellow local type. 186501. Spotted local type.

186500. *Canadian Wonder*. 186502. *Alabama*.

186503. Twenty miles west of Bamenda, British Cameroons. Dec. 8.

186504. Twenty miles west of Bamenda, British Cameroons. Dec. 8.

186505. Balessing, French Cameroons. Dec. 9.

186506. Sixty miles north of Douala, French Cameroons.

186507. PHASEOLUS sp.

Agricultural Farm, Abakaliki, Nigeria. White climbing type.

186508. PHASEOLUS sp.

Mamfe, British Cameroons. Dec. 7.

186509 to 186511. SESAMUM INDICUM L. Pedaliaceae. Sesame.

186509. Agricultural Farm, Abakaliki, Nigeria.

186510. Agricultural Farm, Abakaliki, Nigeria.

186511. Market, Nfuma, Nigeria. Dec. 3.

186512. FRAGARIA sp. Rosaceae. Strawberry.

From Guatemala. Seeds presented by I. E. Melhus, Tropical Research Center, Antigua. Received Jan. 31, 1950.

Edible, nonacid; vigorous grower.

186513. TRIFOLIUM SUBTERRANEUM L. Fabaceae. Subterranean clover.

From Australia. Seeds presented by the Waite Agricultural Research Institute, Glen Osmond, South Australia. Received Jan. 31, 1950.

*Albino; Yarloop.*

186514. SASA KURILENSIS (Rupr.) Makino &amp; Shibata. Poaceae. Bamboo.

From Japan. Plants collected in Hokkaido by Lt. Col. H. Hinkle, Honolulu, Hawaii. Received Jan. 31, 1950.

186515. RHODODENDRON TOSAENSE Makino. Ericaceae.

From England. Seeds presented by George Johnstone, Trewithen, Cornwall. Received Jan. 31, 1950.

186516. VITIS sp. Vitaceae.

From Haiti. Cuttings presented by Norman N. Ward, Institute of Inter-American Affairs, Port-au-Prince. Received Feb. 2, 1950.

A native wild grape.

186517 to 186524.

From Spain. Seeds presented by Campo de Practicas, Villamanta, Madrid. Received Feb. 2, 1950.

## 186517 to 186524—Continued

186517 and 186518. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae. Buckwheat.

186517. No. 4.

186518. No. 3.

186519 and 186520. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. Sainfoin.

186519. No. 7.

186520. No. 8.

186521 and 186522. *VICIA MONANTHA* Retz. Fabaceae.

186521. No. 1.

186522. No. 2.

186523 and 186524. *VICIA SATIVA* L. Common vetch.

186523. No. 5.

186524. No. 6.

## 186525 to 186543.

From the Gold Coast and Liberia. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 3, 1950.

From the Gold Coast unless otherwise indicated.

186525. *HAEMANTHUS* sp. Amaryllidaceae.

Kumasi.

186526. *STROPHANTHUS BARTERI* Franch. Apocynaceae.

Kumasi.

186527. *STROPHANTHUS PREUSSII* Engl. & Pax.

Assuantsi.

186528. *DIOSCOREA* sp. Dioscoreaceae.

Kumasi.

186529. *FUNTUMIA* sp. Apocynaceae.

186530. *FUNTAMIA* sp.

186531. *PERIPLOCA* sp. Asclepiadaceae.

Assuantsi.

186532. *STROPHANTHUS PREUSSII* Engl. & Pax. Apocynaceae.

No. 14027. Assuantsi.

186533 to 186535. *STROPHANTHUS SARMENTOSUS* DC.

186533. No. 14025.

186534. No. 1.

186535. No. 2.

186536 to 186540. (Undetermined.)

186536. No. 14023.

186539.

186537. No. 14032.

186540. Assuantsi.

186538. No. 14031.

186541. *STROPHANTHUS HISPIDUS* DC. Apocynaceae.

186542. *DRACAENA* sp. Liliaceae.

Kitoma, Sanokwele District, Liberia.

**186525 to 186543—Continued**

**186543.** OTTELIA ULVIFOLIA Planch. Vallisneriaceae.

Suakoko, Gbarnga District, Liberia.

**186544 to 186568. SOLANUM spp. Solanaceae.**

From Mexico. Seeds collected by J. G. Hawkes, School of Agriculture, University of Cambridge, Cambridge, England. Received Feb. 6, 1950.

Collected in 1949.

**186544.** SOLANUM sp.

No. 1084. Zinacatepec, México State, 8 km. southwest of Toluca. Aug. 23. Tubers round to oval; flowers pale-blue.

**186545 to 186547. SOLANUM BOREALE** Bitter.

**186545.** No. 1090. San Juan del Río, Querétaro State. Aug. 26. Flowers white, rotate; leaves very hairy but not conspicuously glandular; fruits round, white-verrucose.

**186546.** No. 1101.

**186547.** No. 1103.

**186548. SOLANUM CARDIOPHYLLUM** Lindl.

No. 1100. Zacatecas State. Altitude 6,300 feet. Sept. 14.

**186549. SOLANUM CARDIOPHYLLUM** var. EHRENBURGII Bitter.

No. 1102.

**186550 to 186552. SOLANUM DEMISSUM** Lindl.

**186550.** No. 1073. Mount Orizaba, Puebla State. Altitude 6,300 feet. Aug. 17. Banks and dry fields. Flowers pale-purple; berries round, pale-yellow when ripe.

**186551.** No. 1077. Ajusco, México State. Aug. 21.

**186552.** No. 1079. Ajusco, México State. Aug. 21.

**186553 and 186554. SOLANUM PINNATISECTUM** var. HEPTAZYGUM Bitter.

**186553.** No. 1092. Near León, Guanajuato State. Aug. 29. Plants robust, leaves 7- to 8-jugate; tubers with large raised lenticels.

**186554.** No. 1093.

**186555. SOLANUM** sp.

No. 1107. Cuatro Dinamos, México State. Sept. 25.

**186556. SOLANUM** sp.

No. 1108. Cuatro Dinamos, México State. Sept. 25.

**186557. SOLANUM LONGIPEDICELLATUM** Bitter.

No. 1109. Chapingo Experimental Station, La Serona, México State. Sept. 30.

**186558. SOLANUM** sp.

No. 1112.

**186559. SOLANUM** sp.

No. 1113. Near Saltillo, Coahuila State. Oct. 12. Fruit pale glaucous green, about 1 cm. in diameter.

**186560. SOLANUM** sp.

No. 1114.

**186561. SOLANUM DEMISSUM** Lindl.

No. 1117.

## 186544 to 186568—Continued

186562. SOLANUM sp.

No. 1118. Above Amecameca, México State. Oct. 30.

186563. SOLANUM sp.

No. 1119. Above Amecameca, México State. Oct. 30.

186564. SOLANUM sp.

No. 1120. Above Amecameca, México State. Oct. 30.

186565. SOLANUM POLYADENIUM Greenm.

No. 1121.

186566. SOLANUM TUBEROSUM L.

**Potato.**

No. 1124. Volcán Irazu, Monte Roble, Cartago Province. Altitude about 6,000 feet. Nov. 4.

186567 and 186568. SOLANUM LONGICONICUM Bitter.

186567. No. 1128. Cartago, Cartago Province. Nov. 7. Tubers oval; seeds with pigmented ring due to anthocyanin in plumule and cotyledons.

186568. No. 1130. Cartago, Cartago Province. Altitude 6,850 feet.

186569. MELILOTUS ALBA Desr. Fabaceae. **White sweetclover.**

From Canada. Seeds presented by the University of Saskatchewan, Saskatoon, Saskatchewan. Received Feb. 6, 1950.

*Arctic.*

## 186570 to 186572.

From Nigeria. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 7, 1950.

186570. SORGHUM sp. Poaceae.

No. 13733. Onitsha, Nigeria. Nov. 14, 1949.

186571. TEPHROSIA sp. Fabaceae.

No. 13735. Onitsha, Nigeria.

186572. (Undetermined.)

No. 13737. Onitsha.

186573. DESMODIUM NICARAGUENSE Benth. &amp; Oerst. Fabaceae.

From El Salvador. Seeds presented by the Ministerio de Agricultura, San Salvador. Received Feb. 7, 1950.

186574. TRIFOLIUM MEDIUM Huds. Fabaceae.

**Mammoth clover.**

From Canada. Seeds presented by the Central Experiment Farm, Ottawa. Received Feb. 7, 1950.

186575. PLANTAGO PSYLLIUM L. Plantaginaceae. **Psyllium.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Feb. 7, 1950.

186576. MORINGA OLEIFERA Lam. Moringaceae.

**Horseradish-tree.**

From Cuba. Seeds presented by Dr. I. D. Clement, Atkins Garden and Research Laboratory, Cienfuegos. Received Feb. 8, 1950.

**186577 to 186602.**

From Korea. Seeds collected by Isom Deshotel, Food and Agriculture Division, ECA, APO 404, San Francisco, Calif. Received Feb. 8, 1950.

186577 to 186589. *LESPEDEZA STIPULACEA* Maxim. Fabaceae.

**Korean lespedeza.**

186577. No. 1.	186584. No. 8.
186578. No. 2.	186585. No. 9.
186579. No. 3.	186586. No. 10.
186580. No. 4.	186587. No. 11.
186581. No. 5.	186588. No. 12.
186582. No. 6.	186589. No. 13.
186583. No. 7.	

186590 to 186597. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn.

Individual plants from vicinity of Seoul.

186590. No. 1.	186594. No. 5.
186591. No. 2.	186595. No. 6.
186592. No. 3.	186596. No. 7.
186593. No. 4.	186597. No. 8.

186598. *LESPEDEZA* sp.

186599. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don.

186600. *PUERARIA LOBATA* (Willd.) Ohwi. Fabaceae.

**Kudzu.**

186601 and 186602. *ZOYSIA JAPONICA* Steud. Poaceae.

From the vicinity of Seoul.

186601. No. 1.
186602. No. 2.

186603 to 186623. *AVENA SATIVA* L. Poaceae.

**Oats.**

From Brazil. Seeds presented by Jose A. Mattos, Estacao Experimental, Bagé, Rio Grande do Sul. Received Feb. 8, 1950.

186603. <i>Ascensão.</i>	186614. <i>Strigosa Escura.</i>
186604. <i>9502-43.</i>	186615. <i>Portuguesa.</i>
186605. <i>8911-43.</i>	186616. <i>1095 a.</i>
186606. <i>Saia.</i>	186617. <i>Klein Mar.</i>
186607. <i>Dom Pedrito.</i>	186618. <i>9551-43.</i>
186608. <i>8996-43.</i>	186619. <i>Bage.</i>
186609. <i>7505-43.</i>	186620. <i>64 S.</i>
186610. <i>9548-43.</i>	186621. <i>F<sub>2</sub> and 12.</i>
186611. <i>7234-43.</i>	186622. <i>9703-48.</i>
186612. <i>1962 d 21.</i>	186623. <i>9704-48.</i>

186613. *La Prevision 13.*

**186624 to 186626.**

From the French Cameroons. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 8, 1950.

186624. *DIOSCOREA* sp. Dioscoreaceae.

No. 1. Douala.

**186624 to 186626—Continued**

186625. DIOSCOREA sp.

No. 2. Bafang.

186626. DIOSCOREA sp.

No. 3.

**186627. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

From Iraq. Seeds presented by the Rev. G. J. Pennings, Amarah. Received Feb. 10, 1950.

**186628. STROPHANTHUS BARTERI Franch. Apocynaceae.**

From Nigeria. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 10, 1950.

Keay FHI 25653. Ibadan.

**186629. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.**

From Canada. Seeds presented by the University of Saskatchewan, Saskatoon. Received Feb. 10, 1950.

*Alpha.*

**186630 to 186634. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.**

From Peru. Tubers presented by H. A. Allard, Estación Experimental Agrícola, Tingo María, Lima. Received Feb. 13, 1950.

186630. No. 1.

186633. No. 4.

186631. No. 2.

186634. No. 6.

186632. No. 3.

**186635. LUPINUS LUTEUS L. Fabaceae.**

**European yellow lupine.**

From Spain. Seeds presented by H. L. Jordan, Madrid. Received Feb. 14, 1950.

**186636. PYRUS sp. Malaceae.**

From Japan. Scions presented by R. E. Culbertson, Natural Resource Section, SCAP, APO 500, San Francisco. Received Feb. 15, 1950.

**186637. ATROPA BELLADONNA L. Solanaceae. Belladonna.**

From Yugoslavia. Seeds presented by J. J. Haggerty, Agricultural Attaché, Belgrade. Received Feb. 15, 1950.

**186638. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.**

From Belgian Congo. Seeds presented by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 16, 1950.

Leopoldville.

**186639. HAEMANTHUS sp. Amaryllidaceae.**

From Liberia. Bulbs presented by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 15, 1950.

Bomi Hills.



**186640. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Italy. Seeds presented by Ditta Ernesto Pini, Societa Anonima, Bologna. Received Feb. 16, 1950.

Broad-leaved type. Reported to be larger, more erect than American strains.

**186641. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae. Kudzu.**

From Korea. Seeds presented by Isom Deshotel, Food and Agriculture Division, ECA, APO 404, San Francisco, Calif. Received Feb. 20, 1950.

Near Kang Won.

**186642 to 186938.**

From Nebraska, Wyoming, and Iowa. Seeds and plants collected by L. S. Donovan, L. C. Newell, and E. C. Conard, Agronomy Department, University of Nebraska, Lincoln Nebr. Numbered Feb. 16, 1950.

Collected in 1949. Single plant selection unless otherwise indicated.

**186642 to 186676. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae.**

**Crested wheatgrass.**

**186642.** No. 49081. North Platte Substation, North Platte, Nebr., Plot G-1, Project 311. July 28. Similar to Nebr. 1007 strain, but this plant only one-fourth the height and very leafy with numerous culms; cultivated.

**186643 to 186676.** Collected from grass nursery, Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Cultivated.

**186643.** No. 49103. Head erect, short, narrow, awnless; seeds plump.

**186644.** No. 49104. Awnless; seeds heavy.

**186645.** No. 49105. Head erect, robust, short, wide; seeds plump; late maturing.

**186646.** No. 49106. Glumes and lemmas awned.

**186647.** No. 49107. Head narrow; glumes and lemmas short-awned; seeds large and plump.

**186648.** No. 49108. Head narrow and thick; glumes and lemmas awned; seeds short and plump.

**186649.** No. 49109. Heads long, narrow but thick; glumes and lemmas with long awns; seeds long and plump.

**186650.** No. 49110. Heads long, narrow but thick; glumes and lemmas awn-pointed; seeds medium size.

**186651.** No. 49111. Heads small, very narrow, dense; lemmas awnless; glumes with short awns; seeds very short but plump.

**186652.** No. 49112. Heads small, narrow, dense; glumes awned; lemmas awn-pointed; seeds medium long and slender.

**186653.** No. 49113. Heads long, narrow but thick; glumes and lemmas long-awned.

**186654.** No. 49114. Heads very narrow, of medium length; glumes and lemmas short-awned; seeds short but plump.

**186655.** No. 49115. Heads small, squarish, of medium compactness; awns pointed.

**186656.** No. 49116. Heads small, squarish, of medium compactness; awns pointed.

**186657.** No. 49117. Spikes large, rectangular, open; seeds large; awns pointed.

**186658.** No. 49118. Heads small, squarish, of medium compactness; awns pointed.

## 186642 to 186938—Continued

186659. No. 49119. Spikes flat, tapering, compact, slightly awn-pointed.
186660. No. 49120. Head small, fairly compact, slightly flattened.
186661. No. 49121. Spikes flat, tapering, open, slightly awned.
186662. No. 49122. Spikes long, rectangular, somewhat open; seeds large; awnless.
186663. No. 49123. Spikes of medium length, narrow, compact.
186664. No. 49124. Spikes large, open, tapering, awned.
186665. No. 49125. Spikes long, open, tapering.
186666. No. 49126. Spikes comparatively dense, medium-awned.
186667. No. 49127. Spikes large, flattened, open, pointed; awns short.
186668. No. 49128. Spikes short, rectangular, comparatively open, awned.
186669. No. 49129. Spikes slightly tapered, flattened, comparatively compact; awns short.
186670. No. 49130. Spikes long, narrow, open, short-awned.
186671. No. 49131. Spikes of medium length, narrow, open.
186672. No. 49132. Spikes flat, medium compact, tapering, only slightly awned.
186673. No. 49133. Spikes of average size, slightly tapering with lemmas free of awns.
186674. No. 49134. Spikes short, relatively open; lemmas awned.
186675. No. 49135. Spikes short, open, seeds large; awnless.
186676. No. 49137. Ecotype selection. Bulk collection of seed from a few plants.

186677. *AGROPYRON DASYSTACHYUM* (Hook.) Scribn.

Thickspike wheatgrass.

No. 49063. Alkali ground just east of Melbeta, Nebr. July 18.

186678 and 186679. *AGROPYRON ELONGATUM* (Host) Beauv.

Tall wheatgrass.

Grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28.

186678. No. 49090.

186679. No. 49093. Ecotype selection. Bulk seed.

186680 to 186702. *AGROPYRON INTERMEDIUM* (Host) Beauv.

Intermediate wheatgrass.

186680. No. 49282. Experiment Station Nursery, Lincoln, Nebr. Nov. 30. Material for clonal propagation collected from Ottawa No. 1927-7 selection, originally introduced from Canada.

186681 to 186684. From grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28.

186681. No. 49082. Tall-growing, rhizomatous grass, probably plant introduction. Fine stems and slender spike. Cultivated.

186682. No. 49089. Robust vigorous growth, medium-leafy, excellent seed.

186683. No. 49091. Fine stems. Cultivated.

186684. No. 49102. Small isolated colony of plants late in maturity. Cultivated.

## 186642 to 186938—Continued

**186685 to 186702.** From Experiment Station Nursery, Lincoln, Nebr. Nov. 30. Originally introduced from Canada, selections from Ottawa, 1927.

186685. No. 49283. 904.	186694. No. 49292. 1104.
186686. No. 49284. 904.	186695. No. 49293. 904.
186687. No. 49285. 1104.	186696. No. 49294. 904.
186688. No. 49286. 904.	186697. No. 49295. 904.
186689. No. 49287. 1104.	186698. No. 49296. 234.
186690. No. 49288. 1104.	186699. No. 49297. 1104.
186691. No. 49289. 904.	186700. No. 49298. 904.
186692. No. 49290. 904.	186701. No. 49299. 1104.
186693. No. 49291. 904.	186702. No. 49300. 1104.

**186703. AGROPYRON REPENS (L.) Beauv. Quackgrass.**

No. 49088. Grass nursery, Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Vigorous rhizomatous plant; lemmas awned. Cultivated.

**186704 to 186707. AGROPYRON SMITHII Rydb. Western wheatgrass.**

**186704.** No. 49160. East of Clearwater, Nebr. Sept. 21. Appears to be a good selection for adaptation to sandy soil. Wild.

**186705.** No. 49161. Elkhorn River east of Clearwater, Nebr. Sept. 21. Wild.

**186706.** No. 49193. Two miles southeast of Berwyn, Nebr. Sept. 24. Growing on sandy loam. Wild.

**186707.** No. 49195. Three miles southeast of Ansley, Nebr. Sept. 24. Bright-yellow coarse straw; heads coarse. Wild.

**186708 to 186725. AGROPYRON TRACHYCAULUM (Link) Malte. Slender wheatgrass.**

**186708.** No. 49018. Grass nursery, Horticultural Experiment Station, Cheyenne, Wyo. July 16. Bunchgrass, stems 36 to 42 inches high. Cultivated.

**186709 to 186724.** From Nebraska.

**186709 to 186713.** Four miles south of Mitchell.

**186709.** No. 49053. July 17. Tall, coarse-stemmed, large-seeded single plant selection. Wild.

**186710.** No. 49054. July 17. Slender stems, seeds small to medium-sized.

**186711.** No. 49055.

**186712.** No. 49056.

**186713.** No. 49057.

**186714.** No. 49058. Low ground along North Platte River west of Scottsbluff, Nebr. July 17. Growing in a thin stand of single stems scattered through a stand of *Agrostis alba*. Late-maturing; wild.

**186715 to 186717.** Roadside ditch along Highway 86, 5 miles east of Gering. July 18.

**186715.** No. 49059. Short-awned bunchgrass. Wild.

**186716.** No. 49060. Short-awned bunchgrass. Wild.

**186717.** No. 49061.

**186718.** No. 49064. Alkali ground just east of Melbeta. July 18.

## 186642 to 186938—Continued

Occurred mostly as individual stems. Short-awned. Growing in association with *Agrostis smithii* and *Agropyron dasystachyum*. Wild.

- 186719. No. 49066. Roadside along Highway 86, east of Melbeta.
- 186720. No. 49068. Roadside of Highway 26, 1 mile north of Northport. July 18.
- 186721. No. 49069. Farm 3 miles east of Highway 26, Berwyn. July 19. Fine stems, leafy. Seeds only.
- 186722. No. 49072. Meadow 1 mile north of North Platte Substation. July 28. Some plants with short awns, others are awnless. Wild.
- 186723. No. 49073. Meadow one-half mile north of North Platte River. July 29. Short-awned. Wild.
- 186724. No. 49080. Soil Conservation Nursery, Waterloo. Aug. 1. An impurity in a strain of wheatgrass from Mandan, N. Dak. Ecotype selection. Cultivated.
- 186725. No. 49095. Ditch, Highway U. S. 30, 20 miles east of Cheyenne, Wyo. Ecotype selection. Cultivated.

## 186726. AGROPYRON TRICHOPHORUM (Link) Richt.

No. 49092. Grass Nursery at Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Pubescent lemmas, fine stems. Cultivated.

## 186727. AGROPYRON sp.

No. 49083. Grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Cultivated.

186728 to 186778. ANDROPOGON GERARDII Vitm. Poaceae. **Big bluestem.**

- 186728. No. 49199. Along Highway 92 east of St. Paul, Nebr. Sept. 24. Very leafy plant. Wild.
- 186729. No. 49200. Along Highway 92 east of St. Paul, Nebr. Sept. 24. Very leafy plant, medium maturity, reddish color.
- 186730 to 186765. Soil Conservation Service Nursery, Ames, Iowa (M<sub>2</sub>-10407). Nov. 12.
- 186730. No. 49216. Moderate leafy plant.
- 186731. No. 49217. Leafy, heavy seeder, vigorous spread of reddish heads.
- 186732. No. 49218. Leafy.
- 186733. No. 49219.
- 186734. No. 49220. Fine stems, purple inflorescence, late maturity.
- 186735. No. 49221. Tall, late, leafy plant with purple inflorescence.
- 186736. No. 49222. Short leafy plant with purple inflorescence.
- 186737. No. 49223. Tall leafy type.
- 186738. No. 49224. Short leafy plant with purple inflorescence.
- 186739. No. 49225. Coarse stems, broad leaves, medium-sized plants with purple inflorescence.
- 186740. No. 49226. Intermediate to late maturity. Leafy type, purple inflorescence.
- 186741. No. 49227.
- 186742. No. 49228. Leaves broad, glaucous; stems medium-coarse; inflorescence purple.
- 186743. No. 49229. Leafy, late maturity.
- 186744. No. 49230. Broad-leaved.

## 186642 to 186938—Continued

186745. No. 49231.

186746. No. 49232.

186747. No. 49233.

186748. No. 49234. Late maturity.

186749. No. 49235. Short, very leafy, uniform spread and height.

186750. No. 49236.

186751. No. 49237. Late maturity, leafy.

186752. No. 49238. Tall plant with good seed production.

186753. No. 49239. Plant pubescent at base; broad leaves, purple inflorescence, late maturity.

186754. No. 49240. Stemmy broad-leaved plant, early maturity, inflorescence purple.

186755. No. 49241. Short leafy plant with dark inflorescence.

186756. No. 49242. Short leafy plant with purple inflorescence.

186757. No. 49243. Stems short coarse, foliage light-green, early maturity.

186758 to 186764. (No data.)

186758. No. 49244.

186762. No. 49248.

186759. No. 49245.

186763. No. 49249.

186760. No. 49246.

186764. No. 49250.

186761. No. 49247.

186765. No. 49251. Late maturity, leaves broad and coarse, sheaths pubescent.

186766 to 186778. Experiment Station Nursery, Lincoln, Nebr. Nov. 30.

186766. No. 49269. Selection No. 2416-14; originally from Ravenna, Nebr.

186767 to 186769. Originally from Pawnee County, Nebr.

186767. No. 49270. Selection No. 3245-45.

186768. No. 49271. Selection No. 3244-45.

186769. No. 49272. Selection No. 3245-45.

186770. No. 49273. Selection No. 2416-44; originally from Ravenna, Nebr.

186771 to 186778. Originally from Pawnee County, Nebr.

186771. No. 49274. Selection No. 3244-45.

186772. No. 49275. Selection No. 3245-45.

186773. No. 49276. Selection No. 3244-45.

186774. No. 49276. Selection No. 67-4915.

186775. No. 49278. Selection No. 67-4909.

186776. No. 49279. Selection No. 67-4907.

186777. No. 49280. Selection No. 67-4907a.

186778. No. 49281. Selection No. 67-4915.

186779 to 186790. ANDROPOGON HALLII Hack.

Sand bluestem.

186779 to 186785. Nine miles northwest of Atkinson, Nebr. Sept. 22.

186779. No. 49170. Plant with slender culms, leafy.

## 186642 to 186938—Continued

186780. No. 49171. Cespitose, 3 feet high, inflorescence with white villous hairs.
186781. No. 49172. Grayish plant with intermediate type of inflorescence. Wild.
186782. No. 49173. Golden-yellow villous hairs on the inflorescence.
186783. No. 49174. Deep-red, very leafy plant.
186784. No. 49175. Inflorescence purple.
186785. No. 49176. Small bunchy plant. Inflorescence purple.
- 186786 to 186789. Fourteen miles north of Valentine, Nebr. Sept. 23.
186786. No. 49178. Leafy plants about 3½ feet high with abundance of culms; glumes red with white villous hairs.
186787. No. 49179. Short, spreading plant, average leafiness, with brown glumes and spreading golden villous hairs on inflorescence.
186788. No. 49180. Plant of vigorous spreading habit, medium maturity, with red glumes, white to grayish white hairs. Bulk seed and clone from a spreading colony growing on the roadside.
186789. No. 49181. Plant with leaves well up on the stems; glumes brown with white villous hairs.
186790. No. 49190. Five miles northeast of Broken Bow, Nebr. Sept. 24. Dense leafy growth.
186791. *ARRHENATHERUM ELATIUS* (L.) Mert. & Koch. Poaceae.  
Tall oatgrass.
- No. 49015. Grass Nursery at Horticultural Experiment Station, Cheyenne, Wyo. July 16. Tall, erect plant producing a volunteer stand between rows of *Stipa* and hollyhocks. Seeds only.
- 186792 to 186812. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.  
Side-oats grama.
- Ecotype selections from Nebraska. Aug. 29 to Sept. 4.
186792. No. 49098. Canyon bottom, 6 miles south of Gothenburg.
186793. No. 49100. Ten miles south of Gothenburg.
186794. No. 49101. Ten miles south of Gothenburg.
186795. No. 49138. One-half mile east and one-fourth mile north of Creston.
186796. No. 49139. Seven miles northwest of Columbus.
186797. No. 49140. Three miles north of Columbus.
186798. No. 49141. Four miles south and 1 mile west of Leigh.
186799. No. 49142. One mile east and 2 miles north of Nebaville.
186800. No. 49143. Eight miles north and 2 miles west of Richland.
186801. No. 49144. Prairie 8 miles east and 8 miles north of Albion.
186802. No. 49145. Six miles east of Albion.
186803. No. 49146. Native pasture 5 miles south of Albion.
186804. No. 49147. Native pasture 4 miles east of Primrose.
186805. No. 49148. Five and one-half miles west of St. Edward.
186806. No. 49149. Nine miles northwest of Genoa.
186807. No. 49150. One mile west of Fullerton.
186808. No. 49151. Wild hay land 6 miles west of Fullerton.

## 186642 to 186938—Continued

186809. No. 49152. Roadside 3 miles east of Wolbach.
186810. No. 49153. Two miles south and 3 miles west of Belgrade.
186811. No. 49154. Four miles east of Fullerton.
186812. No. 49155. Native pasture field 3 miles north of Schuyler.
186813. *BOUTELOUA GRACILIS* (H. B. K.) Lag. Blue grama.  
No. 49099. Canyon bottom 6 miles south of Gothenburg, Nebr. Aug. 29.
186814. *BROMUS CARINATUS* Hook. & Arn. Poaceae. Mountain brome grass.  
No. 49019. Grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. July 16. Tall vigorous bunchgrass. Cultivated.
- 186815 to 186842. *BROMUS INERMIS* Leyss. Smooth brome grass.  
Selections represent escapes from previous nursery plantings, chosen for adaptation to dry sites or possible new types. Whole collection characterized by excellence of seed production and quality. Seeds collected from grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. July 16.
186815. No. 49022. Tall vigorous plant, extensive rhizomes, drooping panicles, reddish lemmas. Stems and leaves dark green. Cultivated.
186816. No. 49023.
186817. No. 49024. Open panicle.
186818. No. 49025. Outstanding colored panicles resulting from reddish pigment in the glumes giving a purplish bronze cast.
186819. No. 49026. Panicles purplish.
186820. No. 49027. Panicles purple.
186821. No. 49028. Panicles drooping and dark-green leaves.
186822. No. 49029. Tall plant with leaves coarse, and panicles purple.
186823. No. 49030. Panicles purple.
186824. No. 49031. Panicles purple.
186825. No. 49032. Panicles purple.
186826. No. 49033. Panicles purple.
186827. No. 49034. Panicles purple.
186828. No. 49035. Panicles purple, northern type.
186829. No. 49036. Panicles purple, northern type.
186830. No. 49037. Panicles purple, northern type.
186831. No. 49038. Outstanding plant, erect culms of medium height. Yellow-green leaves, erect compact yellowish panicles with blunt awns. Considered a new variation within the southern type.
186832. No. 49039. Panicles compact.
186833. No. 49040. Panicles few, southern type.
186834. No. 49041. Panicles tall and open, southern type.
186835. No. 49042. Tall coarse plant with panicles yellow, southern type.
186836. No. 49043. Panicles yellow.
186837. No. 49044. Panicles yellow.
186838. No. 49045. Panicles yellow, erect, compact.
186839. No. 49046. Panicles yellow.

## 186642 to 186938—Continued

186840. No. 49047. Panicles yellow.

186841. No. 49048. Stems fine, panicles yellow, erect.

186842. No. 49049. Stems fine, panicles open and yellow.

186843 to 186845. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

Scully Estates, Beatrice, Nebr. Nov. 16. Originally introduced from Aberystwyth, Wales.

186843. No. 49255. Hay type S 37/FH/48.

186844. No. 49256. S 143/KM/48.

186845. No. 49268. S 26/KW/48.

186846 to 186865. *ELYMUS CANADENSIS* L. Poaceae. **Canada wildrye.**

From Nebraska.

186846. No. 49075. Sandy soil, 8 miles north of North Platte. July 29.

186847. No. 49076. Sandy soil, 8 miles north of North Platte. July 29.

186848. No. 49077. Three miles west of Ringgold.

186849. No. 49078. Three miles west of Ringgold. Later maturity.

186850. No. 49079. Four miles west of Ringgold. Tall, medium maturity.

186851. No. 49301. Clone from Type D-3 selection. Spike bent.

186852. No. 49302. Clone from Type A-6. Upright, late type.

186853. No. 49303. Clone from Type A-6. Upright, late type.

186854. No. 49304. Clone from Type D-3.

186855. No. 49305. Clone from Type E-1.

186856. No. 49306. Clone from Type A-6. Upright, late type.

186857. No. 49307. Clone from Type E-1. Leafy type.

186858. No. 49308. Clone from Type E-4.

186859. No. 49309. Clone from Type E-5.

186860. No. 49310. Clone from Type E-5.

186861. No. 49311. Clone from Type E-1. Leafy type.

186862. No. 49312. Clone from Type D-3.

186863. No. 49313. Clone from Type E-5.

186864. No. 49314. Clone from Type E-4.

186865. No. 49315. Clone from Type E-4.

186866 to 186869. *ERAGROSTIS TRICHODES* (Nutt.) Wood. Poaceae. **Sand lovegrass.**

From Nebraska.

186866. No. 49168. Three miles west of Chambers. Sept. 22. Plants reddish purple.

186867. No. 49177. Twenty-five miles east of Valentine.

186868. No. 49184. Eleven miles south of Valentine.

186869. No. 49187. Three miles west of Seneca. Plants growing in very dry area in sandy soil. Ecotype.

186870 to 186872. *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**

Scully Estates, Beatrice, Nebr.



## 186642 to 186938—Continued

186870. No. 49257. Nov. 16. Originally introduced from Aberystwyth, Wales. Hay type 215 IKD/47.
186871. No. 49258. Pasture type S53/LO/48.
186872. No. 49259. Strain S170/KZ/48.
186873. *FESTUCA OVINA* L. **Sheep fescue.**  
No. 49021. Grass nursery, Horticultural Experiment Station, Atkinson, Nebr. July 16. Leaves fine.
186874. *FESTUCA RUBRA* L. **Red fescue.**  
No. 49260. Scully Estates, Beatrice, Nebr. Nov. 16. Originally introduced from Aberystwyth, Wales. Creeping type S 59/KW/48.
186875. *LESPEDEZA CAPITATA* Michx. Fabaceae.  
No. 49169. Atkinson, Nebr.
- 186876 to 186878. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**  
Scully Estates, Beatrice, Nebr. Nov. 16.
186876. No. 49252. Originally from Welsh Plant Breeding Station, Aberystwyth, Wales. Pasture type S 23/B.E./47.
186877. No. 49253. Pasture hay type S 101/LE/48.
186878. No. 49254. Hay type S 24/LB/48.
- 186879 and 186880. *LOTUS PURSHIANUS* (Benth.) Clements & Clements. Fabaceae.
186879. No. 49185. Fifty-five miles south of Valentine, Nebr. Sept. 23.
186880. No. 49189. Five miles southeast of Dunning, Nebr.
186881. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
No. 49136. Grass nursery, Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Ecotype. Cultivated.
- 186882 to 186886. *PANICUM VIRGATUM* L. Poaceae. **Switchgrass.**  
From Nebraska.
186882. No. 49162. East of Clearwater. Sept. 21.
186883. No. 49163. East of Clearwater.
186884. No. 49166. Eight miles north of O'Neill.
186885. No. 49182. Sixteen miles south of Valentine.
186886. No. 49186. Two miles west of Seneca. Ecotype.
- 186887 and 186888. *PASPALUM STRAMINEUM* Nash. Poaceae.
186887. No. 49070. Sandy shoulder of highway, 5 miles east of St. Paul, Nebr. July 19. Bunchgrass, semierect.
186888. No. 49074. Eight miles north of North Platte, Nebr. July 29.
- 186889 to 186891. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**  
Scully Estates, Beatrice, Nebr. Nov. 16. Originally introduced from Aberystwyth, Wales.
186889. No. 49261. Pasture and hay type S 48/BF/48.
186890. No. 49262. Pasture type S 50/KK/48.
186891. No. 49263. Hay type S 51/AI/48.
- 186892 and 186893. *POA GLAUCIFOLIA* Scribn. & Williams. Poaceae.
186892. No. 49062. Low alkali ground just east of Melbeta, Nebr. July 17. Plant with rhizomes and rather coarse leaves.

## 186642 to 186938—Continued

186893. No. 49067. Alkali flat adjoining Bridgeport, Nebr. July 18.
- 186894 to 186896. *POA JUNCIFOLIA* Scribn.  
Grass nursery at Horticultural Experiment Station, Cheyenne, Wyo.
186894. No. 49016. Bunchgrass, culms slender.
186895. No. 49017.
186896. No. 49020.
186897. *POA SECUNDA* Presl. **Sandberg bluegrass.**  
No. 49096. Twenty miles east of Cheyenne, Wyo. Aug. 28. Ecotype. Cultivated.
186898. *SPHENOPHOLIS OBTUSATA* (Michx.) Scribn. Poaceae.  
No. 49065. Low alkali ground just east of Melbeta, Nebr. July 18.
- 186899 to 186902. *STIPA SPLENDENS* Trin. Poaceae. **Feathergrass.**  
Collected from grass nursery at Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Cultivated.
186899. No. 49084. Bunchgrass. 186901. No. 49086.
186900. No. 49085. 186902. No. 49087.
186903. *STROPHOSTYLES HELVOLA* (L.) Ell. Fabaceae.  
No. 49159. East of Clearwater, Nebr. Sept. 21. Growing in sand. Profuse vines, excellent seeding.
- 186904 and 186905. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**  
Scully Estates, Beatrice, Nebr. Nov. 16. Originally introduced from Aberystwyth, Wales.
186904. No. 49264. Late-flowering type. S 123/AW/18.
186905. No. 49265. S 151/KR/48.
- 186906 and 186907. *TRIFOLIUM REPENS* L. Fabaceae. **White clover.**  
Scully Estates, Beatrice, Nebr. Originally from Wales.
186906. No. 49266. Wild type. S 184/AW/48.
186907. No. 49267. Early type. S/100/BF/48.
- 186908 to 186917. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**
186908. No. 49097. Six miles south of Gothenburg, Nebr. Aug. 28. Stems and leaves brown mottled, sparsely hairy.
186909. No. 49188. Sept. 23. Wild.
186910. No. 49191. Five miles southeast of Broken Bow, Nebr. Sept. 24. Wild.
186911. No. 49192. Disks about 2 inches across and moderately deep. Wild.
186912. No. 49194. Four miles southeast of Berwyn, Nebr. Sept. 24. Disks 2 inches broad or more and moderately deep. Wild.
186913. No. 49196. North of Hazard, Nebr. Disks 2¼ inches across.
186914. No. 49197. North of Hazard, Nebr. Disks 2½ inches in diameter.
186915. No. 49203. Ravine in pasture field, north of Pioneer Park, Lincoln, Nebr. Sept. 28.
186916. Ravine in pasture field, north of Pioneer Park, Lincoln, Nebr. Sept. 28. Plant tall, robust, with large heads.
186917. Four miles east of Lincoln, Nebr. Oct. 5.

## 186642 to 186938—Continued

186918 to 186922. *HELIANTHUS GROSSE-SERRATUS* Martens.

186918. No. 49158. East of Clearwater, Nebr. Sept. 21.

186919. No. 49198. East of St. Paul, Nebr. Sept. 24.

186920. No. 49210. Two miles northwest of Huskerville, Nebr. Sept. 28.

186921. No. 49211. One and one-half miles west of Cheeny, Nebr. Oct. 5.

186922. No. 49214. Four miles east of Lincoln, Nebr.

186923 and 186924. *HELIANTHUS PETIOLARIS* Nutt.

186923. No. 49164. East of Clearwater, Nebr. Sept. 21.

186924. No. 49183. Sixteen miles north of Valentine, Nebr. Sept. 23. Ecotype.

186925. *HELIANTHUS PUMILUS* Nutt.

No. 49094. Grass nursery, Horticultural Experiment Station, Cheyenne, Wyo. Aug. 28. Stems and leaves hairy, leaves opposite; perennial. Cultivated.

186926 to 186930. *HELIANTHUS RIGIDUS* (Cass.) Desf. **Prairie sunflower.**

186926. No. 49167. Eight miles north of O'Neill, Nebr. Sept. 22. Growing on sandy land.

186927. No. 49201. East of St. Paul, Nebr. Ecotypes.

186928. No. 49208. Two miles northwest of Lincoln, Nebr. Sept. 28.

186929. No. 49209. Two miles northwest of Lincoln, Nebr. Sept. 28.

186930. No. 49212. Four miles east of Lincoln, Nebr.

186931. *HELIANTHUS GIGANTEUS* L.

No. 49156. Two miles west of Norfolk, Nebr. Sept. 21. Wild.

186932 and 186933. *HELIANTHUS TUBEROSUS* L. **Jerusalem artichoke.**

186932. No. 49157. Two miles west of Norfolk, Nebr. Sept. 21. Leaves opposite, medium-broad, rough.

186933. No. 49215. Near Yankee Hill brickyard, Lincoln, Nebr. Oct. 12.

186934. *HELIANTHUS* sp.

No. 49165. Niobrara River north of O'Neill, Nebr. Sept. 21.

186935 to 186938. *HELIOPSIS SCABRA* Dun. **Asteraceae.**

North of Pioneer Park, Lincoln, Nebr. Sept. 28.

186935. No. 49202. 186937. No. 49206.

186936. No. 49205. 186938. No. 49207.

186939 to 186944. *PRUNUS AVIUM* L. **Amygdalaceae.**

**Sweet cherry.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Feb. 17, 1950.

186939 and 186940. Originally from Pennsylvania.

186939. (Bell No. 36856) Leaf-spot-resistant mazzard; Pa. 387.

186940. (Bell No. 36854) Leaf-spot-resistant mazzard; Pa. 382.

186941. Seedling selection P. I. 125574 (C4-5-10). Leaf-spot resistant.

186942. Seedling selection P. I. 125233 (C4-6-18).

**186939 to 186944—Continued**

186943. Seedling selection P. I. 127413. (C4-3-1).

186944. Seedling selection P. I. 125558 (C4-3-31).

**186945 to 186947.**

From Australia. Seeds presented by Dr. William Hartley, Council for Scientific and Industrial Research, Canberra. Received Feb. 17, 1950.

186945. *ATROPA BELLADONNA* L. Solanaceae. **Belladonna.**  
No. 90.

186946. *DUBOISIA LEICHHARDTII* F. Muell. Solanaceae.  
No. 4022.

186947. *DUBOISIA MYOPOROIDES* R. Br.  
No. 4116.

**186948 to 186956.**

From Sweden. Seeds presented by Dr. John Axel Nannfeldt, Universititets Botaniska, Tradgard, Uppsala. Received Feb. 17, 1950.

186948. *CHRYSANTHEMUM MAJUS* (Desf.) Aschers. Asteraceae.

186949. *TANACETUM BOREALE* Fisch. Asteraceae.

186950. *TANACETUM CAMPHORATUM* Less.

186951. *CHRYSANTHEMUM CARINATUM* Schousboe. Asteraceae.

186952. *CHRYSANTHEMUM CAUCASICUM* Pers.

186953. *CHRYSANTHEMUM CORYMBOSUM* L.

186954. *CHRYSANTHEMUM MACROPHYLLUM* Waldst. & Kitt.

186955. *CHRYSANTHEMUM NIVELLEI* Braun-Blanq.

186956. *TANACETUM VULGARE* L. Asteraceae.

**186957 to 186971.**

From Uruguay. Seeds presented by the Campo Experimental de Pastos, Florida. Received Feb. 20, 1950.

186957. *AGROSTIS* sp. Poaceae.

186958. *AGROSTIS* sp.

186959. *BRIZA* sp. Poaceae.

186960. *DANTHONIA CIRRHATA* Hack. & Arech. Poaceae.

No. F 82.

186961. *LAGURUS OVATUS* L. Poaceae. **Rabbittail grass.**  
No. 1066.

186962. *LOTUS ORNITHOPODIOIDES* L. Fabaceae.  
No. 1963.

186963. *MEDICAGO MUREX* Willd. Fabaceae.  
No. 1580.

186964. *MEDICAGO TUBERCULATA* (Retz.) Willd.  
No. 1582.

186965. *SETARIA ARGENTINA* Herrm. Poaceae.

186966. *STIPA CHARRUANA* Arech. Poaceae. **Feathergrass.**

186967. *TRIFOLIUM CHERLERI* Jusl. Fabaceae.  
No. 1829.

## 186957 to 186971—Continued

186968. *TRIFOLIUM FILIFORME* L.

No. 1828.

186969. *TRIFOLIUM POLYMORPHUM* Poir.186970. *TRIFOLIUM SUFFOCATUM* L.

No. 1832.

186971. *VICIA ATROPURPUREA* Desf. Fabaceae.

Purple vetch.

## 186972 to 186992.

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 20, 1950.

Collected in 1950.

186972. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.

Okra.

Assuantsi. Jan. 9.

186973. (Undetermined.)

Kumasi. Jan. 19.

186974. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

Assuantsi.

186975. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

Kumasi.

186976. *CUCUMIS* sp.

Kumasi.

186977. *GOSSYPIUM*. Malvaceae.

Cotton.

Accra plains, Accra. Jan. 21.

186978. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

Kumasi.

186979 to 186985. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

Jan. 19.

186979. No. 1. Kumasi.

186983. No. 5 Assuantsi.

186980. No. 2. Kumasi.

186984. No. 6. Kumasi.

186981. No. 3. Kumasi.

186985. No. 7. Kumasi.

186982. No. 4. Kumasi.

186986 to 186988. *PHASEOLUS VULGARIS* L.

Common bean.

186986. Kumasi. Jan. 19.

186987. Kumasi.

186988. Assuantsi.

186989. *PHOENIX* sp. Phoenicaceae.

Palm.

No. 14019. Kumasi. Jan. 19.

186990. *PHOENIX* sp.

Kumasi. Jan. 19.

186991. *SORGHUM VULGARE* Pers. Poaceae.

Kumasi.

186992. *SORGHUM* sp.

Kumasi.

186993 to 186998. *VITIS VINIFERA* L. Vitaceae.**European grape.**

From Tunisia. Cuttings presented by the Ecole Coloniale d'Agriculture, Tunis. Received Feb. 20, 1950.

186993. *Beldi* × *Chasselas*.186996. *Chasselas* × *Beldi* 50-2.186994. *Beldi* × *Ugni Blanc*.186997. *Clarette* × *Beldi*.186995. *Chasselas* × *Beldi* 48-2.186998. *Mourvedre* × *Rassique*.

## 186999 to 187012.

From Iowa. Seeds presented by Max M. Hoover, Primary Plant Introduction Station, University of Iowa, Ames. Received Feb. 17, 1950.

186999. *ACTINIDIA CHINENSIS* Planch. Dilleniaceae.**Yangtao.**

Originally collected in China by E. O. Johnson, Corydon, Iowa.

187000. *BROMUS CATHARTICUS* Vahl. Poaceae.**Rescue grass.**

Originally from Juneau, Alaska.

187001. *GOSSYPIUM* sp. Malvaceae.**Cotton.**

Collected near Cobán, Guatemala. Perennial.

187002. *LYCOPERSICON* sp. Solanaceae.

*Tomatillo*. From the Tropical Research Center, Antigua, Guatemala.

187003 and 187004. *MEDICAGO SATIVA* L. Fabaceae.**Alfalfa.**

Originally from F. C. Pellett, Atlantic, Iowa.

187003. *Old Frankish Lucerne*. Iowa accession No. 1684.

187004. Iowa accession No. 1685.

187005. *MELILOTUS ALBA* Desr. Fabaceae.**White sweetclover.**

Iowa accession No. 1686. Originally from F. J. Pellett, Atlantic, Iowa.

187006. *NEPETA RAPHANORHIZA* Benth. Menthaceae.

Originally from F. J. Pellett, Atlantic, Iowa. Reported to have edible roots and also to produce abundant bee food.

187007. *THERMOPSIS CAROLINIANA* M. A. Curt. Fabaceae.

Originally from H. M. Switzer, Dexter, Iowa.

187008. *TRIFOLIUM PRATENSE* L. Fabaceae.**Red clover.**

Iowa accession No. 1687. Originally from F. J. Pellett, Atlantic, Iowa. Early type.

187010 to 187012. *VICIA SATIVA* L. Fabaceae.**Common vetch.**

Originally from Tivadar Frank Seed Growers, Ltd., Budapest, Hungary.

187009. No. 1.

187011. No. 3.

187010. No. 2.

187012. No. 4.

## 187013 and 187014.

From Italy. Seeds presented by Dr. G. W. Adriance, Rome. Received Feb. 21, 1950.

187013. *CITRUS BERGAMIA* Risso. Rutaceae.**Bergamot orange.**187014. *CITRUS*.

*Tarocco*.

## 187015 to 187044.

From Liberia. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 21, 1950.

## 187015 to 187044—Continued

From Liberia unless otherwise indicated. Collected Jan. 21, 1950, in the Sanokwele District.

187015 to 187025. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae.  
Okra.

187015. No. 1.

187021. No. 7.

187016. No. 2.

187022. No. 8.

187017. No. 3.

187023. No. 9.

187018. No. 4.

187024. No. 10.

187019. No. 5.

187025. No. 11.

187020. No. 6.

187026. (Undetermined.)

No. 14077. Bomi Hills.

187027. CITRUS sp. Rutaceae.

Monrovia.

187028. CROTALARIA sp. Fabaceae.

Accra, Gold Coast.

187029. (Undetermined.)

Bomi Hills, Montserrado County.

187030. FUNTUMIA sp. Apocynaceae.

No. 14055. Ganta.

187031. SESAMUM RADIATUM Schum. Pedaliaceae.

Suakoko, Gbarnga District.

187032. STROPHANTHUS HISPIDUS DC. Apocynaceae.

Ganta.

187033. STROPHANTHUS PREUSH Engl. & Pax.

No. 14027.

187034 to 187039. STROPHANTHUS SARMENTOSUS DC.

187034. Kumasi, Gold Coast.

187037. Ganta.

187035. Ganta.

187038. Kumasi, Gold Coast.

187036. Ganta.

187039. Ganta.

187040. (Undetermined.)

Ganta.

187041. (Undetermined.)

Ganta.

187042. STRYCHNOS sp. Loganiaceae.

Kitoma.

187043. (Undetermined.)

Kitoma.

187044. COLA sp. Sterculiaceae.

No. 14083. Gold Coast.

187045 to 187050. SACCHARUM. Poaceae.

Sugarcane.

From Cuba. Cuttings presented by the Compania Azucarera Central Toledo, Marianao. Received Feb. 21, 1950.

## 187045 to 187050—Continued

- |                  |                          |
|------------------|--------------------------|
| 187045. C-4772.  | 187048. C-15855.         |
| 187046. C-15792. | 187049. PPQK.            |
| 187047. C-15794. | 187050. PPQK (Stripped). |

187051 to 187060. *SANSEVIERIA* spp. Liliaceae.

From Cuba. Plants received from the Atkins Garden and Research Laboratory, Cienfuegos. Received Feb. 21, 1950.

187051. *SANSEVIERIA CYLINDRICA* Bojer.  
 187052. *SANSEVIERIA EHRENBORGII* Schweinf.  
 187053. *SANSEVIERIA FASCIATA* Labroy.  
 187054. *SANSEVIERIA INTERMEDIA* N. E. Brown.  
 187055. *SANSEVIERIA KIRKII* Baker.  
 187056. *SANSEVIERIA THYRSIFLORA* Thunb.  
 187057. *SANSEVIERIA SUBSPICATA* Baker.  
 187058. *SANSEVIERIA SUFFRUTICOSA* N. E. Brown.  
 187059. *SANSEVIERIA THYRSIFLORA* Thunb.  
 187060. *SANSEVIERIA ZEYLANICA* Willd.

187061. *PHYTOLACCA ABYSSINICA* Hoffm. Phytolaccaceae.

From Eritrea. Seeds presented by A. T. Masovich, Asmara. Received Feb. 21, 1950.

187062. *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**

From France. Plants presented by J. Souty, Pont-de-la-Maye, Gironde. Received Feb. 21, 1950.

187063. *CERATONIA SILIQUA* L. Fabaceae. **Carob.**

From Tunisia. Cuttings presented by J. B. Blessis, Menzel bou Zelfa. Received Feb. 23, 1950.

187064. *LACTUCA GRACILIFLORA* DC. Asteraceae.

From India. Seeds presented by the American Embassy, New Delhi. Received Feb. 24, 1950.

187065 and 187066. *HIBISCUS* spp. Malvaceae.

From Liberia. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 27, 1950.

187065. *HIBISCUS* sp.  
 No. 1. Kitoma, Sanokwele District.  
 187066. *HIBISCUS* sp.  
 No. 2. Ganta, Sanokwele District.

187067. *CANANGIUM ODORATUM* (Lam.) King. Annonaceae. **Ylang-ylang.**

From Puerto Rico. Seeds presented by H. F. Winters, Mayagüez. Received Feb. 27, 1950.

## 187068 to 187071.

From Nicaragua. Seeds collected by H. C. Trumble, Food and Agriculture Organization, Washington, D. C. Received Feb. 27, 1950.

187068. *DESMODIUM* sp. Fabaceae.



**187068 to 187071—Continued**187069. *GUAZUMA ULMIFOLIA* Lam. Sterculiaceae.187070. *ORNITHOPUS* sp. Fabaceae.187071. *SORGHUM VULGARE* Pers. Poaceae.**187072. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Canada. Seeds presented by the Central Experiment Farm, Ottawa.  
Received Feb. 28, 1950.

*Dollard.***187073 to 187076. CHRYSANTHEMUM spp. Asteraceae.**

From the Netherlands. Seeds presented by the Jardin Botanique de L'Université d'Amsterdam, Amsterdam. Received Feb. 28, 1950.

187073. *CHRYSANTHEMUM CORONARIUM* L. Crowndaisy.187074. *CHRYSANTHEMUM MAXIMUM* Ramond. Pyrenees chrysanthemum.187075. *CHRYSANTHEMUM MYCONIS* L.187076. *CHRYSANTHEMUM VISCOSUM* Desf.**187077 to 187082. ORYZA SATIVA L. Poaceae. Rice.**

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received Feb. 28, 1950.

187077. *Allorio.*187080. *Nero Vialone.*187078. *Chines.*187081. *Ponta Rubra.*187079. *Muga.*187082. *Precoce 6.***187083. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Canada. Seeds presented by the Central Experiment Farm, Ottawa.  
Received Feb. 28, 1950.

*Manhardy.***187084 to 187097. ORYZA SATIVA L. Poaceae. Rice.**

From Japan and Okinawa. Seeds collected by E. B. Coffman, Natural Resources Section, SCAP, APO 500, San Francisco. Received Feb. 28, 1950.

187084. No. 224.

187091. No. 231.

187085. No. 225.

187092. No. 232.

187086. No. 226.

187093. No. 233.

187087. No. 227.

187094. No. 234.

187088. No. 228.

187095. No. 235.

187089. No. 229.

187096. No. 236.

187090. No. 230.

187097. No. 237.

**187098. STYLOSANTHES SUNDAICA Taub. Fabaceae.**

From Australia. Seeds presented by Arthur Yates & Company, Sydney, New South Wales. Received Mar. 1, 1950.

**187099 and 187100.**

From Egypt. Scions presented by the Department of Agriculture, Giza.  
Received Mar. 1, 1950.

187099. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

*Baladi.*187100. *PRUNUS ARMENIACA* L. Amygdalaceae.

Apricot.

*Hamawi.*

**187101. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Italy. Seeds presented by Mr. Irino, through S. A. Sgaravatti, Padova.  
Received Mar. 1, 1950.

**187102 to 187110. HEVEA BRASILIENSIS (A. Juss.) Muell. Euphorbiaceae. Para rubber tree.**

From Liberia. Budsticks presented by the Firestone Rubber Co., Monrovia.  
Received Mar. 1, 1950.

187102. No. 228.

187107. No. 318.

187103. No. 256.

187108. No. 321.

187104. No. 259.

187109. No. 323.

187105. No. 290.

187110. No. 333.

187106. No. 297.

**187111. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.**

From India. Roots presented by Dr. Boshi Sen, Vivekananda Laboratory, Almora, United Provinces. Received Mar. 2, 1950.

*Bengal white.*

**187112. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.**

From Cuba. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Mar. 3, 1950.

**187113. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From California. Plants growing at the United States Plant Introduction Garden, Chico. Numbered Mar. 3, 1950.

*Van.* Fruit black.

**187114 to 187118. LINUM USITATISSIMUM L. Linaceae. Flax.**

From India. Seeds presented by B. B. Pal, Indian Agricultural Research Institute, New Delhi. Received Mar. 3, 1950.

187114. N. P. 12.

187117. Hybrid 55.

187115. N. P. 121.

187118. Hybrid 68.

187116. N. P. 124.

**187119. MENTHA PIPERITA L. Menthaceae. Peppermint.**

From England. Roots presented by Mrs. J. U. Kemp, Harrow Weald, Middlesex. Received Mar. 3, 1950.

**187120. GOSSYPIUM. Malvaceae. Cotton.**

From Iraq. Seeds presented by the American Embassy, Baghdad. Received Mar. 6, 1950.

*Acala Rogers.*

**187121. ATTALEA COHUNE Mart. Phoenicaceae. Cohune palm.**

From Honduras. Seeds presented by Loyal R. Baker, American Consulate, La Ceiba. Received Mar. 6, 1950.

**187122. PIPER NIGRUM L. Piperaceae. Black pepper.**

From Malaya. Seeds presented by G. H. Addison, Singapore. Received Mar. 7, 1950.

**187123 to 187140.**

From Belgian Congo. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 7, 1950.

**187123 to 187129. Tubers.**

187123 to 187125. *DIOSCOREA BULBIFERA* L. Dioscoreaceae.

187123. No. 1. Kisanu.

187124. No. 2. Sana Batu.

187125. No. 3. Leopoldville.

187126. *DIOSCOREA* sp.

No. 4. Sana Batu.

187127. *DIOSCOREA* sp.

No. 15. Kisanu.

187128. *DIOSCOREA* sp.

No. 6. Sana Batu.

187129. *DIOSCOREA* sp.

No. 5. Kisanu.

**187130 to 187137. Corms.**

187130. *GLADIOLUS* sp. Iridaceae.

No. 12. Leopoldville.

187131. *GLADIOLUS* sp.

No. 6. Leopoldville.

187132. *GLADIOLUS* sp.

No. 7. Leopoldville.

187133. *GLADIOLUS* sp.

No. 8. Leopoldville.

187134. *GLADIOLUS* sp.

No. 9. Kisanu.

187135. (Undetermined.)

No. 14. Leopoldville.

187136. (Undetermined.)

No. 13. Kisanu.

187137. (Undetermined.)

No. 10. Leopoldville.

**187138 to 187140. Plants.**

187138. *SMILAX KRAUSSIANA* Meissn. Smilacaceae.

No. 15113. Sana Batu.

187139. *STROPHANTHUS HISPIDUS* DC. Apocynaceae.

No. 15149. Leopoldville.

187140. *STROPHANTHUS SARMENTOSUS* DC.

No. 15129. Kisanu.

**187141. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.**

From the Union of South Africa. Seeds presented by H. J. S. Bell, Port Shepstone, Natal Province. Received Mar. 7, 1950.

**187142. ZIZYPHUS MUCRONATA Willd. Rhamnaceae. Jujube.**

From the Union of South Africa. Seeds presented by an unknown donor, Kimberley, Cape Province. Received Mar. 7, 1950.

**187143. ORYZOPSIS MILIACEA (L.) Benth. & Hook. Poaceae.**

From Greece. Seeds presented by C. S. Merlin, Commercial Bank of Greece, Corfu. Received Mar. 7, 1950.

Seeds originally obtained from Prinshof Plant Breeding Station, Pretoria, Transvaal.

**187144. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**

From France. Seeds presented by Tourneur Frères, Coulommiers. Received Mar. 7, 1950.

*Du Puits.*

**187145 to 187148. VITIS spp. Vitaceae.**

From England. Cuttings presented by the Royal Botanical Garden, Kew. Received Mar. 8, 1950.

187145. *VITIS BETULIFOLIA* Diels & Gilg.

187146. *VITIS KAEMPFERI* Koch.

187147. *VITIS PIASEZKII* Maxim.

187148. *VITIS ROMANETII* Romanet.

**187149 to 187164.**

From Japan. Seeds collected by E. B. Coffman, Natural Resources Section, SCAP, OPA 500, San Francisco. Received Mar. 8, 1950.

187149. *CASTANEA MOLLISSIMA* Blume. Fagaceae. **Hairy chestnut.**

No. 249. *Ginyose.*

187150 to 187156. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**

187150. No. 243. *Akagara.*

187153. No. 244. *Omejiro.*

187151. No. 240. *Dekisugi* No. 1.

187154. No. 245a. *Tambagura.*

187152. No. 245b. *Kimusume*  
*Ibaroki* No. 1.

187155. No. 241. *Urusan.*

187156. No. 242. *Urusan.*

187157. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**

No. 225. *Miyako* No. 1.

187158. *HORDEUM VULGARE* L. Poaceae. **Barley.**

No. 239. *Hokuta.* Naked type.

187159. *HORDEUM VULGARE* L.

No. 238. *Thin-culm* No. 2.

187160 to 187164. *ORYZA SATIVA* L. Poaceae. **Rice.**

187160. No. 252. *Aikoku* No. 14. 187163. No. 254. *Tichiyuu* No. 46.

187161. No. 251. *Glutinous* A-1. 187164. No. 253. *Toichyu* No. 65.

187162. No. 250. *Kunigani* No. 1.

**187165 and 187166. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Canada. Seeds presented by T. Johnson, Dominion Laboratory of Plant Pathology, University of Manitoba, Fort Garry, Manitoba. Received Mar. 8, 1950.

**187165 and 187166—Continued**187165. *Kenya* 338 AC. 2 E. 2 (I-49-89.)187166. (*McMurachy*  $\times$  *Exchange*)  $\times$  *Redman* R. L. 2325.**187167 and 187168. EHRHARTA CALYCINA J. E. Smith. Poaceae. Perennial veldtgrass.**

From Australia. Seeds presented by Dr. William Hartley, Commonwealth Scientific and Industrial Research Organization, Canberra, Australian Capital Territory. Received Mar. 8, 1950.

187167. No. 1.

187168. No. 2.

**187169. LUPINUS LUTEUS L. Fabaceae. European yellow lupine.**

From Spain. Seeds presented by H. Leon Jordan, Villamanta, Madrid. Received Mar. 9, 1950.

**187170 and 187171. DIONCOPHYLLUM spp. Flacourtiaceae.**

From Liberia. Plants collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 9, 1950.

187170. *DIONCOPHYLLUM* sp.

Zienschu. No. 1.

187171. *DIONCOPHYLLUM* sp.

Zienschu. No. 2.

**187172. RUBUS. Rosaceae.****Raspberry.**

From Scotland. Plants presented by the Scottish Raspberry Investigation, Dundee. Received Mar. 14, 1950.

*Enterprise.***187173. TRIFOLIUM PRATENSE L. Fabaceae.****Red clover.**

From Canada. Seeds presented by Alberta Seed Growers Co-op. Ltd., Edmonton, Alberta. Received Mar. 13, 1950.

*Altaswede.***187174. GOSSYPIUM. Malvaceae.****Cotton.**

From Italy. Seeds presented by Mario Battistel, Milano. Received Mar. 13, 1950.

*Kirpan.***187175 and 187176. GOSSYPIUM spp. Malvaceae.****Cotton.**

From Mexico. Seeds collected by C. R. Sayre, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 13, 1950.

187175. *GOSSYPIUM* sp.

No. 1. Wild.

187176. *GOSSYPIUM* sp.

No. 2. Wild.

**187177 to 187188. RHODODENDRON spp. Ericaceae.**

From Scotland. Seeds presented by the Royal Botanical Garden, Edinburgh. Received Mar. 13, 1950.

187177. *RHODODENDRON CAMPYLOCARPUM* Hook. f.187178. *RHODODENDRON CHASMANTHOIDES* Balf. & Forr.

**187177 to 187188—Continued**

- 187179. *RHODODENDRON CROCEUM* Balf. & Smith.
- 187180. *RHODODENDRON DICHROANTHUM* Diels.
- 187181. *RHODODENDRON EUCHAITES* Balf. & Forr.
- 187182. *RHODODENDRON FARGESII* Franch.
- 187183. *RHODODENDRON GRIERSONIANUM* Balf. & Forr.
- 187184. *RHODODENDRON NERIIFLORUM* Franch.
- 187185. *RHODODENDRON ORBICULARE* Decaisne.
- 187186. *RHODODENDRON SCYPHOCALYX* Balf. f. & Forr.
- 187187. *RHODODENDRON SUTCHUENENSE* Franch.
- 187188. *RHODODENDRON THOMSONII* Hook. f.

**187189 to 187191.**

From Liberia. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 13, 1950.

- 187189. *AEGLOPSIS CHEVALIERI* Swingle. Poaceae.  
Bobai, Sanokwele District.
- 187190. (Undetermined.)  
Sanokwele, Sanokwele District.
- 187191. *CALAMUS* sp. Phoenicaceae.  
Totata, Salala District.

**187192 and 187193.**

From the Union of South Africa. Seeds presented by Miss Mildred Wilman, Kimberley, Cape Province. Received Mar. 14, 1950.

- 187192. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.
- 187193. *ERAGROSTIS OBTUSA* Munro. Poaceae.

**187194 to 187196. STROPHANTHUS SARMENTOSUS DC.  
Apocynaceae.**

From Ohio. Seeds presented by the Firestone Plantations Company, Akron. Received Mar. 14, 1950. Originally from Liberia.

- 187194. No. 1.
- 187195. No. 2.
- 187196. No. 3.

**187197. STROPHANTHUS HISPIDUS DC. Apocynaceae.**

From the French Cameroons. Seeds presented by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 15, 1950.

No. 13926.

**187198. STROPHANTHUS KOMBE Oliver. Apocynaceae.**

From New York. Seeds presented by S. B. Penick and Co., New York. Received Mar. 15, 1950.

**187199. STROPHANTHUS THOLLONII Franch. Apocynaceae.**

From the French Cameroons. Seeds presented by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 15, 1950.

No. 12923.

**187200 to 187203. BOEHMERIA spp. Urticaceae.**

From Japan. Seeds collected by E. B. Coffman, Natural Resources Section, SCAP, APO 500, San Francisco. Received Feb. 15, 1950.

187200 to 187202. *BOEHMERIA NIVEA* (L.) Gaud.

Ramie.

187200 and 187201. Kanaminami Experiment Station, Miyazaki Prefecture, Kyushu.

187200. No. 257. *Hakuhishu*. White skin.

187201. No. 258. *Saikeseshinshi*. Thin stem, green heart.

187202. No. 259. *Hakuhishu*. Minamioshahaia Experiment Station, Tochigi Prefecture, Honshu.

187203. *BOEHMERIA NIPONONIVEA* Koidz.

No. 256. *Yamagata-zairaiishi*. Kanaminami Experiment Station, Miyazaki Prefecture, Kyushu.

**187204 to 187218. VITIS. Vitaceae.**

Grape.

From France. Cuttings presented by the Producteurs Nouveaux de Seibel, Aubenas, Ardèche. Received Mar. 15, 1950.

187204. *Seibel* No. 5163.

187212. *Seibel* No. 9045.

187205. *Seibel* No. 6086.

187213. *Seibel* No. 13047.

187206. *Seibel* No. 6980.

187214. *Seibel* No. 13663.

187207. *Seibel* No. 7052.

187215. *Seibel* No. 13695.

187208. *Seibel* No. 7162.

187216. *Seibel* No. 14164.

187209. *Seibel* No. 7226.

187217. *Seibel* No. 14514.

187210. *Seibel* No. 8355.

187218. *Seibel* No. 15051.

187211. *Seibel* No. 8748.

**187219 to 187225.**

From Belgium. Seeds presented by the Plant Research Station, Melle. Received Mar. 15, 1950.

187219. *FESTUCA ARUNDINACEA* Schreb. Poaceae.

Tall fescue.

*Beemdlangbloem*.

187220. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

187221 and 187222. *LOLIUM PERENNE* L.

Perennial ryegrass.

187221. *Engels*. Hay type.

187222. *Engels*. Pasture type.

187223. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

*Lammerstaart*. Hay type

187224 and 187225. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

187224. *Oudenaerdse*.

187225. *Waesse*.

**187226 to 187268.**

From Belgium. Seeds presented by the Research Station, Gembloux. Received Mar. 15, 1950.

187226 to 187228. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.

Cauliflower.

187226. *Giant d'Enkhuizen*.

187227. *Malines*. Early type.

187228. *Louvain*. Early type.

## 187226 to 187268—Continued

- 187229 to 187232. *BRASSICA OLERACEA* var. *CAPITATA* L. **Cabbage.**  
 187229. *Milan de Langendijk.* 187231. *Langendijk.*  
 187230. *Langendijk.* 187232. *Red of Langendijk.*  
 187233. *BRASSICA* sp.  
*Red of Langendijk.*  
 187234 to 187237. *DAUCUS CAROTA* L. *Apiaceae* **Carrot.**  
 187234. *Red Giant; Obtuse of Flakkee.* 187236. *Nantes.* No. 2.  
 187235. *Nantes.* No. 1. 187237. *Touchou.*  
 187238 and 187239. *LACTUCA SATIVA* L. *Asteraceae.* **Lettuce.**  
 187238. Head type.  
 187239. *Queen of Greenhouses.* Head type.  
 187240 to 187249. *PHASEOLUS VULGARIS* L. *Fabaceae.* **Common bean.**  
 187240. Long slender pod, with parchment.  
 187241. Double stringless, without parchment.  
 187242. Dwarf.  
 187243. *Crussol.* Dwarf.  
 187244. *Early Limbourg Graineterie Hollandaise.*  
 187245. *La Victoire.*  
 187246. *Truffant.*  
 187247. *Princess Dwarf.*  
 187248. *Princess Dwarf.* Large pods, Stringless.  
 187249. *Princess Perfection.*  
 187250 to 187268. *PISUM SATIVUM* L. *Fabaceae.* **Pea.**  
 187250. *42 of Sarielle.* 187260. *Small Proverigal.*  
 187251. *Caractacus.* 187261. *Fill the Basket.*  
 187252. *Chemin Long.* 187262. *Prince Albert.*  
 187253. *De Venlo.* 187263. *King of Canning.*  
 187254. *Douce Province.* 187264. *King of Fine Green.*  
 187255. *Eminent.* Dwarf early, 187265. *Serpette Improved of*  
 long pod. *Paris.*  
 187256. *Fine for Gourmets.* 187266. *Serpette of Anvergne.*  
 187257. *Gloire de Quimper.* 187267. *Superproduction.*  
 187258. *The Small Gevenal.* 187268. *Triumph of Maninet.*  
 187259. *Annonay.* Dwarf,  
 very early.  
 187269. *PRUNUS.* *Amygdalaceae.* **Plum.**  
 From the Netherlands. Budstick presented by the Instituut voor de Veredeling, Wageningen. Received Mar. 23, 1950.  
*Claude D'Oullins.*  
 187270 to 187286.  
 From Wales. Seeds presented by the Welsh Plant Breeding Station, Aberystwyth. Received Mar. 15, 1950.  
 187270 to 187272. *DACTYLIS GLOMERATA* L. *Poaceae.* **Orchard grass.**  
 187270. No. S-26.  
 187271. No. S-37.  
 187272. No. 143.



**187270 to 187286—Continued**

- 187273 and 187274. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.  
 187273. No. S-53.  
 187274. No. S-215.
187275. *FESTUCA ARUNDINACEA* Schreb. Tall fescue.  
 S-170.
187276. *FESTUCA RUBRA* L. Red fescue.  
 S-59.
- 187277 to 187279. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.  
 187277. No. S-23.  
 187278. No. S-24.  
 187279. No. S-101.
- 187280 to 187282. *PHLEUM PRATENSE* L. Poaceae. Timothy.  
 187280. No. S-48.  
 187281. No. S-50.  
 187282. No. S-51.
- 187283 and 187284. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.  
 187283. No. S-123.  
 187284. No. S-151.
- 187285 and 187286. *TRIFOLIUM REPENS* L. White clover.  
 187285. No. S-100.  
 187286. No. S-184.

**187287 to 187291. CHRYSANTHEMUM. Asteraceae.**

From Japan. Cuttings presented by the Yokohama Nursery, Co., Ltd., Yokohama. Received Mar. 15, 1950.

187287. *Kamiyo-no-mai*. Orange. 187290. *Matsu-no-yuki*. White.  
 187288. *Kankobai*. Red. 187291. *Shimobashira*. White  
 187289. *Koki*. Yellow. double.

**187292 to 187295. CORCHORUS spp. Tiliaceae. Jute.**

From India. Seeds presented by B. C. Kundu, Jute Agricultural Research Center, Hooghly, West Bengal. Received Mar. 24, 1950.

- 187292 to 187294. *CORCHORUS CAPSULARIS* L.  
 187292. D-154.  
 187293. *Fandux*.  
 187294. *Kamardeni*.
187295. *CORCHORUS OLITORIUS* L.  
 G. G.

**187296 to 187298. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From France. Cuttings presented by the Station de Recherches Viticoles, Pont-de-la-Maye, Gironde. Received Mar. 16, 1950.

187296. *Bouteille*.  
 187297. *C'Huero Biz Bras*.  
 187298. *C'Huero Ru Bienn*.

**187299 and 187300.**

From the Union of South Africa. Seeds presented by Dr. L. C. C. Liebenberg, Agricultural Education and Research, Pretoria, Transvaal. Received Mar. 17, 1950.

187299. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase. Poaceae.

187300. *HEMARTHRIA ALTISSIMA* (Poir.) Stapf & Hubb. Poaceae.

**187301. STROPHANTHUS HISPIDUS DC. Apocynaceae.**

From the Gold Coast. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 20, 1950.

Collected in Tamale.

**187302. SOLANUM QUITOENSE Lam. Solanaceae. Naranjillo.**

From Maryland. Seeds at the United States Plant Introduction Garden, Glenn Dale. Numbered Mar. 20, 1950.

Originally from Doylestown, Pa.

**187303. PHLEUM PRATENSE L. Poaceae. Timothy.**

From Canada. Seeds presented by the Central Experiment Farm, Ottawa. Received Mar. 20, 1950.

*Climax.*

**187304 to 187307. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From Kansas. Plants presented by the Schroeder Vineyard, Hutchinson. Received Mar. 21, 1950.

187304. *Couderc* 3309.

187306. *Rupestris* St. George.

187305. *Riparia Gloire*.

187307. *Salonis* 1613 × *Othello*.

**187308 to 187312.**

From Australia. Seeds presented by R. C. Rossiter, University of Western Australia, Perth, Western Australia. Received Mar. 21, 1950.

187308 and 187309. *EHRHARTA CALYCINA* J. E. Smith. Poaceae.

**Perennial veldtgrass.**

187308. No. 1.

187309. No. 2. Non-shedding strain.

187310 to 187312. *TRIFOLIUM SUBTERRANEUM* L. Fabaceae.

**Subterranean clover.**

187310. *Dwalganup*.

187311. *Seaton Park*.

187312. *Williams*.

**187313 to 187335 CAPSICUM FRUTESCENS L. Solanaceae.**

**Redpepper.**

From Guatemala. Seeds collected by R. E. Buchanan, Iowa State College, Ames. Received Mar. 21, 1950.

From Antigua.

187313. No. 1. *Chamborote*. Red, medium hot.

187314. No. 2. *Chile Tomate*. Deep red.

187315. No. 3. *Pimienta Mexicana*. Orange-yellow.

187316. No. 4. *Chile Jocote*. Orange-red.

## 187313 to 187335—Continued

187317. No. 5. *Diente de Perro*. Red.  
187318. No. 6. *Chile Dulce*. Orange-red.  
187319. No. 7. Yellow.  
187320. No. 8. *Chile Guaqua*. Red.  
187321. No. 9. (No data.)  
187322. No. 10. *Dientitos de Perro*. Red.  
187323. No. 11a. Yellow.  
187324. No. 13. Orange. Rare.  
187325. No. 14. Red.  
187326. No. 15. Orange-red.  
187327. No. 16. Orange-red.  
187328. No. 17. Red.  
187329. No. 18. Red.  
187330. No. 19. *Chile Dulce*. Yellow, sweet.  
187331. No. 20. *Chile Dulce*. Red, sweet.  
187332. No. 21. *Chiltepe*. Orange, hot.  
187333. No. 22. *Chile Jalapena*. Red, fleshy, hot.  
187334. No. 23. *Chile Huerto*.  
187335. No. 24. Orange-red.

## 187336. TARAXACUM KOK-SAGHYZ Rodin. Asteraceae.

From Sweden. Seeds presented by the Swedish Seed Association, Svalof.  
Received Mar. 21, 1950.

## 187337 to 187347.

From Liberia. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received Mar. 22, 1950.

Collected in 1950.

## 187337. FUNTUMIA sp. Apocynaceae.

Totata, Salala. Mar. 1.

## 187338 to 187347. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.

187338. No. 1. Ganta, Sanokwele. Feb. 28.  
187339. No. 2. Ganta, Sanokwele. Feb. 28.  
187340. No. 3. Tolee District. Mar. 1.  
187341. No. 4. Totata, Salala. Feb. 27.  
187342. No. 5. Brewerville, Monkerrado. Feb. 25.  
187343. No. 6. Gbarnga, Gbarnga District. Feb. 22.  
187344. No. 7. Salala, Salala District. Feb. 27.  
187345. No. 8. Pallilah, Gbarnga. Feb. 27.  
187346 and 187347. From K. G. McIndoe, Tolee District.  
187346. No. 9.  
187347. No. 10.

**187348 and 187349. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From France. Scions presented by J. Souty, Station de Recherches Viticoles, Pont-de-la-Maye, Gironde. Received Apr. 6, 1950.

187348. *Cravert Rouge*.

187349. *Cusset*.

**187350. STROPHANTHUS HISPIDUS DC. Apocynaceae.**

From the French Cameroons. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 6, 1950.

A.P. DC No. 13926. *Bipendi*.

**187351 and 187352. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From France. Scions presented by J. Souty, Pont-de-la-Maye, Gironde. Received Apr. 11, 1950.

187351. *Fuero Guen*.

187352. *Fuero Rous*.

**187353 to 187355. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From Israel. Cuttings presented by Mr. Z. Rapoport, Tel Aviv. Received Mar. 22, 1950.

187353. *Balout* × *Muscat*.

187354. *Helouani* × *Muscat*.

187355. *Netter*.

**187356 to 188467.**

From Kansas, Missouri, Nebraska, and Oklahoma. Seeds collected by Kling L. Anderson, Agronomy Department, Kansas State College, Manhattan. Received Mar. 22, 1950.

Collected in September and October 1949.

**187356 to 187550. ANDROPOGON GERARDII Vitm. Poaceae. Big bluestem.**

187356 to 187476. From Kansas.

187356. No. 7. Three miles north of McFarland. Plant leafy, free from rust.

187357. No. 8.

187358 to 187362. Paxico. Plant leafy, vigorous, free from rust.

187358. No. 17.

187361. No. 20.

187359. No. 18.

187362. No. 21.

187360. No. 19.

187363 to 187365. Six miles south of Maple Hill. Plant leafy, free from rust.

187363. No. 24.

187364. No. 25.

187365. No. 26.

187366 to 187370. Three miles northeast of Eskridge.

187366. No. 43.

187369. No. 46.

187367. No. 44.

187370. No. 47.

187368. No. 45.

187371. No. 49. One mile east of Hessdale.

## 187356 to 188467—Continued

187372. No. 50. One mile east of Hessdale.

187373 to 187377. One mile north of Matfield Green.

187373. No. 57.

187376. No. 60.

187374. No. 58.

187377. No. 61.

187375. No. 59.

187378 to 187381. Two miles east of Matfield Green.

187378. No. 79.

187380. No. 81.

187379. No. 80.

187381. No. 82.

187382. No. 92. Nine miles southeast of Matfield Green.

187383. No. 93. Nine miles southeast of Matfield Green.

187384 to 187389. Three miles west and 2 miles south of Matfield Green.

187384. No. 99.

187387. No. 102.

187385. No. 100.

187388. No. 103.

187386. No. 101.

187389. No. 104.

187390 to 187393. One mile east and 2 miles south of Williamsburg.

187390. No. 119.

187392. No. 121.

187391. No. 120.

187393. No. 128.

187394. No. 143. Six miles north and 3 miles west of Fredonia.

187395. No. 151. Pasture, 1½ miles north of New Albany.

187396 to 187398. Upland meadow, 3 miles east and 1½ miles south of Fredonia.

187396. No. 155.

187397. No. 156.

187398. No. 157.

187399 to 187401. Upland, sandstone prairie, 5 miles north of Altoona.

187399. No. 170.

187400. No. 173.

187401. No. 174.

187402 to 187407. Two miles west and 3 miles south of Hallowell.  
Very tall grass growing in association with *A. virginicus*.

187402. No. 179.

187405. No. 182.

187403. No. 180.

187406. No. 183.

187404. No. 181.

187407. No. 184.

187408 to 187412. Three miles west and 1 mile north of Melrose.

187408. No. 197.

187411. No. 200.

187409. No. 198.

187412. No. 201.

187410. No. 199.

187413. No. 202. Three miles west and 1 mile north of Melrose.

187414. No. 203. Three miles west and 1 mile north of Melrose.

187415 to 187417. Upland meadow, 3 miles west and 1 mile north of Baxter Springs.

187415. No. 206.

187416. No. 207.

187417. No. 208.

## 187356 to 188467—Continued

- 187418 to 187420. Two miles south and 4 miles east of Columbus.  
187418. No. 213.  
187419. No. 214.  
187420. No. 215.  
187421. No. 219. Nine miles north of Columbus.  
187422. No. 244. Upland pasture, 6 miles northeast of Garnett.  
187423 to 187425. Six miles west and 1 mile south of Garnett.  
187423. No. 256.  
187424. No. 257.  
187425. No. 261.  
187426. No. 271. Low meadow  $1\frac{1}{2}$  miles north of Mount Ida.  
187427. No. 272. Low meadow  $1\frac{1}{2}$  miles north of Mount Ida.  
187428 to 187431. Six miles west and  $1\frac{1}{2}$  miles north of Garnett.  
187428. No. 281. 187430. No. 283.  
187429. No. 282. 187431. No. 284.  
187432. No. 297. Upland meadow, 2 miles west of Pittsburg.  
187433. No. 305. Upland meadow, 2 miles west of Pittsburg.  
187434. No. 310. Low wet meadow,  $1\frac{1}{2}$  miles west of Pittsburg.  
Plants tall.  
187435 to 187438. Six miles north and 1 mile west of Fort Scott.  
187435. No. 316. 187437. No. 318.  
187436. No. 317. 187438. No. 319.  
187439 to 187442. Upland limestone pasture, 6 miles west of Howard.  
187439. No. 331. 187441. No. 333.  
187440. No. 332. 187442. No. 334.  
187443 to 187446. Upland limestone pasture,  $1\frac{1}{2}$  miles north of Howard.  
187443. No. 339. 187445. No. 344.  
187444. No. 343. 187446. No. 345.  
187447 to 187449. From upland sandstone, 2 miles north and 9 miles east of Howard.  
187447. No. 365.  
187448. No. 370.  
187449. No. 375.  
187450. No. 386. Two miles south and 2 miles west of Independence.  
187451. No. 387. Two miles south and 2 miles west of Independence.  
187452. No. 395. Upland sandstone pasture near timber, 3 miles north and  $7\frac{1}{2}$  miles west of Bolton.  
187453 to 187457. Rocky limestone meadow near lake, Eureka.  
187453. No. 413. 187456. No. 418.  
187454. No. 416. 187457. No. 419.  
187455. No. 417.  
187458. No. 430. Bottomland along east branch of Fall River.  
187459. No. 431. Bottomland along east branch of Fall River.

**187460 and 187461.** Upland sandstone pasture, 5 miles north and 5 miles west of Eureka.

187461. No. 438.

187465. No. 475. Fall River Dam.

187467. No. 481a.

187472. No. 489. Sandy pasture, 2 miles north of Arkansas City.

187473. No. 492.

187474. No. 498.

187476. No. 519. One mile south and 10½ miles east of Atlanta.

187481. No. 584. Eight and one-half miles east of Lenapah.

187483 to 187487. Two miles south of Chetopa.

187486. No. 603.

187487. No. 604.

187485. No. 602.

187489. No. 628. One and one-half miles south of U. S. Highway 160,  
Missouri.

187490 to 187550. From Kansas.

187490. No. 635. Five miles west of Topeka.

187491. No. 641. Seven miles south and 10 miles east of Lyons.

187492. No. 649. Six and one-half miles south and 11 miles east of Lyons.

## 187356 to 188467—Continued

187493 to 187499. Four and one-half miles west of Sterling.

187493. No. 679.

187497. No. 683.

187494. No. 680.

187498. No. 684.

187495. No. 681.

187499. No. 685.

187496. No. 682.

187500. No. 719. One and one-half miles north and 6 miles west of Nickerson.

187501. No. 735. Five miles northeast of Hutchinson.

187502. No. 760. Ninneseah bottoms, 7 miles south of Partridge.

187503. No. 762. Upland, 7 miles south of Partridge.

187504 to 187511. Five miles south and 4½ miles east of Turon.

187504. No. 771.

187508. No. 775.

187505. No. 772.

187509. No. 776.

187506. No. 773.

187510. No. 777.

187507. No. 774.

187511. No. 778.

187512. No. 801. Two and one-half miles north of Turon.

187513 to 187517. Halls Summit.

187513. No. 814.

187516. No. 817.

187514. No. 815.

187517. No. 818.

187515. No. 816.

187518. No. 838. One-half mile north and 1 mile west of Waverly.

187519. No. 850. Four miles north of Burlington.

187520. No. 857. Limestone pasture, 4 miles north and 2 miles east of Gridley.

187521. No. 865. (No data.)

187522. No. 866. (No data.)

187523. No. 867. (No data.)

187524. No. 893. Three miles east and 1 mile north of Le Roy.

187525. No. 907. Eight miles north and 9½ miles west of Yates Center.

187526. No. 913. Two and one-half miles north of Virgil.

187527. No. 924. One-half mile east of Yates Center.

187528. No. 925. One-half mile east of Yates Center.

187529. No. 926. One-half mile east of Yates Center.

187530. No. 947. One mile east and 6 miles south of Yates Center.

187531. No. 948. Six miles south and 1½ miles west of Yates Center.

187532. No. 949. Six miles south and 1½ miles west of Yates Center.

187533. No. 963. Five miles south and 4 miles west of Yates Center.

187534. No. 990. Three miles east of El Dorado.

187535 to 187538. Seven miles east and 3 miles north of El Dorado.

187535. No. 998.

187536. No. 999.

187537. No. 1000.



## 187356 to 188467—Continued

187538. No. 1020. Two and one-half miles south of Rosalia.  
 187539. No. 1035. Two miles east of Keighley.  
 187540. No. 1041. Upland meadow, 4 miles south of El Dorado.  
 187541 to 187545. Upland pasture, 4½ miles south of Haverhill.  
     187541. No. 1057.                      187544. No. 1060.  
     187542. No. 1058.                      187545. No. 1061.  
     187543. No. 1059.  
 187546. No. 1099. Upland pasture, 2 miles east of Smileyburg.  
 187547. No. 1100. Upland pasture, 2 miles east of Smileyburg.  
 187548. No. 1117. Upland oilfield, 3 miles south of Leon.  
 187549. No. 1118. Upland oilfield, 3 miles south of Leon.  
 187550. No. 1146. Emporia.

187551 to 187797. *ANDROPOGON SCOPARIUS* Presl. Poaceae.

Little bluestem.

187551 to 187662. From Kansas.

187551 to 187554. Northeast of Paxico.

187551. No. 12.                      187553. No. 14.

187552. No. 13.                      187554. No. 15.

187555 to 187559. Six miles south of Maple Hill. Plants leafy, rust-free, and vigorous.

187555. No. 28.                      187558. No. 31.

187556. No. 29.                      187559. No. 32.

187557. No. 30.

187560 to 187563. Three miles northeast of Eskridge.

187560. No. 39.                      187562. No. 41.

187561. No. 40.                      187563. No. 42.

187564 to 187566. One mile east of Hessdale.

187564. No. 52.

187565. No. 53.

187566. No. 54.

187567 to 187571. Upland area, 1 mile north of Matfield Green.

187567. No. 65.                      187570. No. 68.

187568. No. 66.                      187571. No. 69.

187569. No. 67.

187572 to 187575. Upland, 2 miles east of Matfield Green.

187572. No. 75.                      187574. No. 77.

187573. No. 76.                      187575. No. 78.

187576 to 187580. Nine miles southeast of Matfield Green.

187576. No. 83.                      187579. No. 86.

187577. No. 84.                      187580. No. 87.

187578. No. 85.

## 187356 to 188467—Continued

187581 to 187585. W. L. White pasture, 3 miles west and 2 miles south of Matfield Green.

187581. No. 94.

187584. No. 97.

187582. No. 95.

187585. No. 98.

187583. No. 96.

187586 to 187589. Two and one-half miles southwest of Ottawa.

187586. No. 109.

187588. No. 111.

187587. No. 110.

187589. No. 112.

187590 to 187594. One mile east and 2 miles south of Williamsburg.

187590. No. 122.

187593. No. 125.

187591. No. 123.

187594. No. 126.

187592. No. 124.

187595. No. 134. Four miles north and  $\frac{1}{2}$  mile west of Williamsburg.

187596. No. 139. Six miles north and 3 miles west of Fredonia.

187597. No. 140. Six miles north and 3 miles west of Fredonia.

187598. No. 149. Upland pasture,  $1\frac{1}{2}$  miles north of New Albany.

187599. No. 150. Upland pasture,  $1\frac{1}{2}$  miles north of New Albany.

187600 to 187602. Upland prairie, 5 miles north of Altoona.

187600. No. 175.

187601. No. 176.

187602. No. 177.

187603. No. 192. Low moist meadow, 2 miles west and 3 miles south of Hallowell.

187604 to 187607. Two miles south and 4 miles east of Columbus.

187604. No. 209.

187606. No. 211.

187605. No. 210.

187607. No. 212.

187608 to 187610. Upland pasture, 6 miles west and 1 mile south of Garnett.

187608. No. 253.

187609. No. 254.

187610. No. 255.

187611. No. 269. Low wet meadow,  $1\frac{1}{2}$  miles north of Mount Ida.

187612. No. 270. Low wet meadow,  $1\frac{1}{2}$  miles north of Mount Ida.

187613 to 187616. Six miles west and  $1\frac{1}{2}$  miles north of Garnett.

187613. No. 285.

187615. No. 287.

187614. No. 286.

187616. No. 288.

187617. No. 295. Upland meadow, 2 miles west of north edge of Pittsburg.

187618. No. 296. Upland meadow, 2 miles west of north edge of Pittsburg.

187619. No. 307. Upland meadow, 2 miles west of center of Pittsburg.

187620. No. 320. Upland pasture, 6 miles north and 1 mile west of Fort Scott.

187621. No. 335. Upland limestone pasture, 6 miles west of Howard.

## 187356 to 188467—Continued

- 187622 to 187629. Upland limestone pasture, 1½ miles north of Howard.
- |                  |                   |
|------------------|-------------------|
| 187622. No. 336. | 187626. No. 347.  |
| 187623. No. 337. | 187627. No. 348.  |
| 187624. No. 340. | 187628. No. 349.  |
| 187625. No. 346. | 187629. No. 349a. |
187630. No. 360. Oak thicket, 4 miles north of Longton.
- 187631 to 187633. Upland sandstone soil, 2 miles north and 9 miles east of Howard.
- |                  |  |
|------------------|--|
| 187631. No. 364. |  |
| 187632. No. 368. |  |
| 187633. No. 369. |  |
187634. No. 382. Two miles south and 2 miles west of Independence.
187635. No. 396. Pasture near timber, 3 miles north and 7½ miles west of Bolton.
187636. No. 412. Eureka Lake.
187637. No. 423. Eureka Lake.
- 187638 and 187639. Upland sandstone pasture, 5 miles north and 5 miles west of Eureka.
- |                  |  |
|------------------|--|
| 187638. No. 433. |  |
| 187639. No. 437. |  |
- 187640 to 187642. Upland limestone pasture, 6 miles west of Eureka.
- |                  |  |
|------------------|--|
| 187640. No. 442. |  |
| 187641. No. 443. |  |
| 187642. No. 444. |  |
187643. No. 457. Limestone pasture, 10 miles southwest of Eureka.
- 187644 to 187647. Fall River Dam.
- |                  |                  |
|------------------|------------------|
| 187644. No. 464. | 187646. No. 469. |
| 187645. No. 468. | 187647. No. 470. |
187648. No. 477a. Seven and one-half miles southwest of Winfield.
187649. No. 482. Pasture, 1 mile east and 4 miles north of Fall River Dam.
187650. No. 491. Two miles north of Arkansas City.
- 187651 to 187654. Upland area, 10 miles east and 4 miles south of Arkansas City.
- |                  |                  |
|------------------|------------------|
| 187651. No. 493. | 187653. No. 500. |
| 187652. No. 499. | 187654. No. 501. |
- 187655 to 187662. Ferguson Ranch, 1 mile south and 10½ miles east of Atlanta.
- |                  |                  |
|------------------|------------------|
| 187655. No. 511. | 187659. No. 517. |
| 187656. No. 514. | 187660. No. 518. |
| 187657. No. 515. | 187661. No. 520. |
| 187658. No. 516. | 187662. No. 521. |

## 187356 to 188467—Continued

187663 to 187668. From Oklahoma.

187663. No. 525. Sandstone upland, 4 miles southeast of Pawhuska.

187664. No. 537. Twelve miles southeast of Pawhuska.

187665. No. 553. Ten miles southwest of Bartlesville.

187666. No. 557. Six miles northeast of Collinsville.

187667. No. 569. Ten miles south of Nowata.

187668. No. 585. Eight and one-half miles east of Lenapah.

187669 to 187673. From Kansas.

187669. No. 593. Limestone meadow, 4 miles west of Valeda.

187670 to 187673. Low pasture, 2 miles south of Chetopa.

187670. No. 605.

187672. No. 608.

187671. No. 606.

187673. No. 609.

187674. No. 614. Three miles west of Phelps, Mo.

187675. No. 621. Limestone upland meadow, 2½ miles northeast of Greenfield, Mo.

187676. No. 627. Along Missouri Highway 43, 1½ miles south of U. S. 160, Missouri.

187677 to 187797. From Kansas.

187677. No. 634. Topeka.

187678. No. 639. In dune sand, 7 miles south and 10 miles east of Lyons.

187679. No. 652. Sand dunes, 6½ miles south and 11 miles east of Lyons.

187680. No. 657. Thirteen miles east of Sterling.

187681 to 187684. Sandy pasture, 3½ miles west of Sterling.

187681. No. 666.

187683. No. 668.

187682. No. 667.

187684. No. 669.

187685 to 187689. Four and one-half miles west of Sterling.

187685. No. 670.

187688. No. 673.

187686. No. 671.

187689. No. 674.

187687. No. 672.

187690. No. 699. Salt flat, 2½ miles south and 10 miles west of Sterling.

187691 to 187693. Sand area, 1½ miles north and 6 miles west of Nickerson.

187691. No. 720.

187692. No. 721.

187693. No. 722.

187694 to 187698. Five miles northeast of Hutchinson.

187694. No. 736.

187697. No. 739.

187695. No. 737.

187698. No. 740.

187696. No. 738.

187699. No. 761. Ninnescah bottoms, 7 miles south of Partridge.

187700. No. 765. Upland, 7 miles south of Partridge.

187757. No. 1015.

## 187356 to 188467—Continued

187758. No. 1021. Two and one-half miles south of Rosalia.
- 187759 to 187764. Two miles east of Keighley.
- |                   |                   |
|-------------------|-------------------|
| 187759. No. 1029. | 187762. No. 1032. |
| 187760. No. 1030. | 187763. No. 1033. |
| 187761. No. 1031. | 187764. No. 1034. |
- 187765 to 187772. Upland limestone meadow, 4 miles south of El Dorado.
- |                   |                   |
|-------------------|-------------------|
| 187765. No. 1042. | 187769. No. 1046. |
| 187766. No. 1043. | 187770. No. 1047. |
| 187767. No. 1044. | 187771. No. 1048. |
| 187768. No. 1045. | 187772. No. 1049. |
- 187773 to 187783. Upland pasture, 4½ miles south of Haverhill.
- |                   |                   |
|-------------------|-------------------|
| 187773. No. 1069. | 187779. No. 1075. |
| 187774. No. 1070. | 187780. No. 1076. |
| 187775. No. 1071. | 187781. No. 1079. |
| 187776. No. 1072. | 187782. No. 1080. |
| 187777. No. 1073. | 187783. No. 1081. |
| 187778. No. 1074. |                   |
- 187784 to 187788. Two miles east of Smileyburg.
- |                   |                   |
|-------------------|-------------------|
| 187784. No. 1094. | 187787. No. 1097. |
| 187785. No. 1095. | 187788. No. 1098. |
| 187786. No. 1096. |                   |
187789. No. 1119. Upland oilfield, 3 miles south of Leon.
187790. No. 1120. Upland oilfield, 3 miles south of Leon.
187791. No. 1125. Three miles north and 1 mile west of Elkhart.
187792. No. 1126. Three miles north and 1 mile west of Elkhart.
187793. No. 1130. Two miles north and 2 miles west of Elkhart.
187794. No. 1133. Three miles west of Elkhart.
187795. No. 1134. Three miles west of Elkhart.
187796. No. 1135. Seven miles west of Elkhart.
187797. No. 1147. Five miles east and 1 mile north of Emporia.
- 187798 to 187815. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.  
Side-oats grama.
- 187798 to 187805. From Kansas.
187798. No. 167. Upland meadow, 3 miles east and 1½ miles south of Fredonia.
187799. No. 242. Upland pasture, 6 miles northeast of Garnett.
187800. No. 354. Limestone pasture, 1½ miles north of Howard.
187801. No. 363. Upland sandstone area, 2 miles north and 9 miles east of Howard.
187802. No. 415. Limestone meadow near Eureka.
187803. No. 426. Fall River.
187804. No. 436. Upland sandstone pasture, 5 miles north and 5 miles west of Eureka.

## 187356 to 188467—Continued

187805. No. 445. Upland limestone pasture, 6 miles west of Eureka.

187806. No. 581. Eight and one-half miles east of Lenapah, Okla.

187807 to 187815. From Kansas.

187807. No. 591. One mile east of Montgomery County line, Labette County.

187808. No. 675. Four and one-half miles west of Sterling.

187809. No. 763. Seven miles south of Partridge.

187810. No. 817. Upland limestone pasture, 2½ miles north of Virgil.

187811. No. 841. One-half mile north and 1 mile west of Waverly.

187812. No. 849. Four miles north of Burlington.

187813. No. 1016. Upland limestone pasture, 7 miles east and 3 miles north of El Dorado.

187814. No. 1040. Upland, limestone meadow, 4 miles south of El Dorado.

187815. No. 1054. Limestone pasture, 10 miles southwest of Eureka.

187816 to 187863. *ERAGROSTIS TRICHODES* (Nutt.) Wood. Poaceae.

Sand lovegrass.

187816. No. 524. Sandstone upland, 4 miles southeast of Pawhuska, Okla.

187817 to 187863. From Kansas.

187817. No. 638. Dune sand area, 7 miles south and 10 miles east of Lyons.

187818. No. 656. Thirteen miles east of Sterling.

187819 to 187826. Five miles west of Sterling.

187819. No. 687.

187823. No. 691.

187820. No. 688.

187824. No. 692.

187821. No. 689.

187825. No. 693.

187822. No. 690.

187826. No. 694.

187827 to 187839. Wellman ranch, 2 miles south and 1½ miles east of Alden.

187827. No. 703.

187834. No. 710.

187828. No. 704.

187835. No. 711.

187829. No. 705.

187836. No. 712.

187830. No. 706.

187837. No. 713.

187831. No. 707.

187838. No. 714.

187832. No. 708.

187839. No. 715.

187833. No. 709.

187840 to 187843. One and one-half miles north and 6 miles west of Nickerson.

187840. No. 723.

187842. No. 725.

187841. No. 724.

187843. No. 726.

187844 to 187850. Five miles northeast of Hutchinson.

187844. No. 743.

187848. No. 747.

187845. No. 744.

187849. No. 748.

187846. No. 745.

187850. No. 749.

187847. No. 746.

## 187356 to 188467—Continued

187851 to 187853. Five miles south and 4½ miles east of Turon.

187851. No. 787.

187852. No. 788.

187853. No. 789.

187854 to 187857. Two and one-half miles north of Turon.

187854. No. 791.

187856. No. 793.

187855. No. 792.

187857. No. 794.

187858. No. 1124. Three miles north and 1 mile west of Elkhart.

187859. No. 1138. Wichita.

187860 to 187863. Manhattan. Originally from Woodward, Okla.

187860. No. 1141.

187862. No. 1143.

187861. No. 1142.

187863. No. 1144.

187864 to 188003. *PANICUM VIRGATUM* L. Poaceae. Switchgrass.

187864 to 187919. From Kansas.

187864 to 187866. Upland, 3 miles north of McFarland. Plant free from rust.

187864. No. 4.

187865. No. 5.

187866. No. 6.

187867. No. 16. Paxico. Plant leafy, vigorous, free from leaf disease.

187868. No. 48. One mile east of Hessdale. Plant, leafy, rust-free.

187869 to 187871. Upland soil, 1 mile north of Matfield Green.

187869. No. 62.

187870. No. 63.

187871. No. 64.

187872. No. 105. W. L. White pasture, Matfield Green.

187873. No. 118. Low meadow, 1 mile east of Williamsburg.

187874. No. 129. Low meadow, 1 mile east of Williamsburg.

187875 to 187885. Six miles north and 3 miles west of Fredonia.

187875. No. 141.

187881. No. 162.

187876. No. 142.

187882. No. 163.

187877. No. 158.

187883. No. 164.

187878. No. 159.

187884. No. 165.

187879. No. 160.

187885. No. 166.

187880. No. 161.

187886. No. 172. Upland limestone prairie, 5 miles north of Altoona.

187887 to 187891. Low moist meadow on light-colored soils, 2 miles west and 3 miles south of Hallowell.

187887. No. 185.

187890. No. 188.

187888. No. 186.

187891. No. 194.

187889. No. 187.

187892. No. 196. Three miles west and 1 mile north of Melrose.

187893. No. 262. Six miles west and 1 mile south of Garnett.



187894. No. 263. Flat upland, 1 mile north of Mount Ida.  
187895. No. 276. Low meadow, 1½ miles north of Mount Ida.  
187896. No. 277. Low meadow, 1½ miles north of Mount Ida.  
187897. No. 289. Six miles west and 1½ miles north of Garnett.  
187898. No. 290. Six miles west and 1½ miles north of Garnett.  
187899. No. 298. Upland meadow, 2 miles west of north edge of  
Pittsburg.  
187900. No. 299. Upland meadow, 2 miles west of north edge of  
Pittsburg.  
187901. No. 314. Upland pasture, 6 miles north and 1 mile west of  
Fort Scott.  
187902. No. 315. Upland pasture, 6 miles north and 1 mile west of  
Fort Scott.  
187903 to 187906. Upland limestone pasture, 1½ miles north of  
Howard.  
187903. No. 342. 187905. No. 351.  
187904. No. 350. 187906. No. 352.  
187907 to 187909. Upland, sandstone area 2 miles north and 9 miles  
east of Howard.  
187907. No. 367.  
187908. No. 373.  
187909. No. 374. "  
187910. No. 380. Two miles south and 2 miles west of Independence.  
187911. No. 381. Two miles south and 2 miles west of Independence.  
187912. No. 397. Three miles north and 7½ miles west of Bolton.  
187913. No. 414. Limestone meadow near lake, Eureka.  
187914. No. 435. Upland sandstone pasture, 5 miles north and 5 miles  
west of Eureka.  
187915. No. 455. Limestone pasture, 10 miles southwest of Eureka.  
187916. No. 465. Near Fall River dam.  
187917. No. 479a. Seven and one-half miles south and 1 mile west of  
Winfield.  
187918. No. 488. Sandy area, 2 miles north of Arkansas City.  
187919. No. 495. Upland, 10 miles east and 4 miles south of Arkansas  
City.  
7920 to 187924. From Oklahoma.  
187920. No. 523. Four miles southeast of Pawhuska.  
187921. No. 536. Twelve miles southeast of Pawhuska.  
187922. No. 550. Sandstone area, 10 miles southwest of Bartlesville.  
187923. No. 567. Ten miles south of Nowata.  
187924. No. 582. Upland prairie, 8½ miles east of Lenapah.  
7925. No. 592. Limestone meadow, 4 miles west of Valeda, Kans.  
7926. No. 596. Low pasture, 2 miles south of Chetopa, Kans.  
7927. No. 597. Low pasture, 2 miles south of Chetopa, Kans.  
7928. No. 631. One and one-half miles south of U. S. 160 along  
Missouri Highway 43, Missouri.

## 187356 to 188467—Continued

187929 to 188003. From Kansas.

187929. No. 640. Seven miles south and 10 miles east of Lyons.

187930. No. 653. Sand dune, 6½ miles south and 11 miles east of Lyons.

187931. No. 655. Sand dune, 13 miles east of Sterling.

187932 to 187935. Sandy pasture, 3½ miles west of Sterling.

187932. No. 662.

187934. No. 664.

187933. No. 663.

187935. No. 665.

187936. No. 676. Four and one-half miles west of Sterling.

187937. No. 700. Salt flat, 2½ miles south and 10 miles west of Sterling.

187938. No. 702. Salt flat, 2½ miles south and 10 miles west of Sterling.

187939 to 187942. One and one-half miles north and 6 miles west of Nickerson.

187939. No. 727.

187941. No. 729.

187940. No. 728.

187942. No. 730.

187943. No. 741. Five miles northeast of Hutchinson.

187944. No. 742. Five miles northeast of Hutchinson.

187945. No. 759. Ninnescah bottoms, 7 miles south of Partridge.

187946. No. 764. Upland, 7 miles south of Partridge.

187947. No. 780. Five miles south and 4½ miles east of Turon.

187948. No. 781. Five miles south and 4½ miles east of Turon.

187949 to 187951. Two and one-half miles north of Turon.

187949. No. 798.

187950. No. 799.

187951. No. 800.

187952 to 187959. West edge of Halls Summit.

187952. No. 825.

187956. No. 829.

187953. No. 826.

187957. No. 830.

187954. No. 827.

187958. No. 831.

187955. No. 828.

187959. No. 832.

187960. No. 840. One-half mile north and 1 mile west of Waverly.

187961. No. 848. Four miles north of Burlington.

187962 and 187963. Upland limestone pasture, 4 miles north and 2 miles east of Gridley.

187962. No. 855.

187963. No. 856.

187964 to 187969. Three miles east of Gridley.

187964. No. 875.

187967. No. 878.

187965. No. 876.

187968. No. 879.

187966. No. 877.

187969. No. 880.

187970. No. 898. Three miles east and 1 mile north of Gridley.

187971. No. 899. Three miles east and 1 mile north of Gridley.

## 187356 to 188467—Continued

187972. No. 918. Upland limestone pasture, 2½ miles north of Virgil.  
 187973 to 187975. One-half mile east of Yates Center.  
 187973. No. 938.  
 187974. No. 939.  
 187975. No. 940.  
 187976. No. 946. One mile east and 6 miles south of Yates Center.  
 187977. No. 955. Upland, 6 miles south and 1½ miles west of Yates Center.  
 187978. No. 956. Upland, 6 miles south and 1½ miles west of Yates Center.  
 187979. No. 966. Five miles south and 4 miles west of Yates Center.  
 187980. No. 981. Three miles east of El Dorado.  
 187981. No. 982. Three miles east of El Dorado.  
 187982. No. 997. Seven miles east and 3 miles north of El Dorado.  
 187983. No. 1019. On deep soil, 2½ miles south of Rosalia.  
 187984 to 187986. Two miles east of Keighley.  
 187984. No. 1036.  
 187985. No. 1037.  
 187986. No. 1038.  
 187987. No. 1055. Upland meadow, 4 miles south of El Dorado.  
 187988. No. 1056. Upland meadow, 4 miles south of El Dorado.  
 187989 to 187992. Upland pasture, 4½ miles south of Haverhill.  
 187989. No. 1062. 187991. No. 1064.  
 187990. No. 1063. 187992. No. 1065.  
 187993. No. 1101. Upland pasture, 2 miles east of Smileyburg.  
 187994. No. 1102. Upland pasture, 2 miles east of Smileyburg.  
 187995 to 188001. Upland area in oilfield, 3 miles south of Leon.  
 187995. No. 1110. 187999. No. 1114.  
 187996. No. 1111. 188000. No. 1115.  
 187997. No. 1112. 188001. No. 1116.  
 187998. No. 1113.  
 188002. No. 1128. Three miles north and 1 mile west of Elkhart.  
 188003. No. 1132. Two miles west and 2 miles north of Elkhart.  
 188004 to 188187. *SORGHASTRUM NUTANS* (L.) Nash. Poaceae.  
Indian grass.  
 188004 to 188072. From Kansas.  
 188004. No. 9. Three miles north of McFarland.  
 188005. No. 10. Three miles north of McFarland.  
 188006. No. 27. Three miles north of McFarland.  
 188007. No. 51. One mile east of Hessdale.  
 188008 to 188010. Upland limestone soil, 1 mile from Matfield Green.  
 180008. No. 70.  
 188009. No. 71.  
 188010. No. 72.

## 187356 to 188467—Continued

- 188011 to 188014. Nine miles southeast of Matfield Green.  
188011. No. 88. 188013. No. 90.  
188012. No. 89. 188014. No. 91.
188015. No. 117. Low meadow, 2 miles south and 1 mile east of Williamsburg.  
188016. No. 130. Low meadow, 2 miles south and 1 mile east of Williamsburg.  
188017. No. 171. Five miles north of Altoona.  
188018 to 188021. Low moist meadow, 2 miles west and 3 miles south of Hallowell.  
188018. No. 189. 188020. No. 191.  
188019. No. 190. 188021. No. 193.
188022. No. 205. Three miles west and 1 mile north of Baxter Springs.  
188023. No. 220. Nine miles north of Columbus.  
188024. No. 243. Six miles northeast of Garnett.  
188025 to 188027. Six miles west and 1 mile south of Garnett.  
188025. No. 258.  
188026. No. 259.  
188027. No. 260.
188028. No. 264. One mile north of Mount Ida.  
188029 to 188031. Low meadow, 1½ miles north of Mount Ida.  
188029. No. 273.  
188030. No. 274.  
188031. No. 275.
- 188032 to 188034. Six miles west and 1½ miles north of Garnett.  
188032. No. 278.  
188033. No. 279.  
188034. No. 280.
- 188035 to 188037. Upland meadow, 2 miles west of north edge of Pittsburg.  
188035. No. 292.  
188036. No. 293.  
188037. No. 294.
188038. No. 306. Upland meadow, 2 miles west of center of Pittsburg.  
188039. No. 311. Low wet meadow, 1½ miles southwest of Pittsburg.  
188040. No. 321. Upland pasture, 6 miles north and 1 mile west of Fort Scott.  
188041 to 188043. Six miles west of Howard.  
188041. No. 328.  
188042. No. 329.  
188043. No. 330.
188044. No. 341. One and one-half miles north of Howard.  
188045. No. 353. One and one-half miles north of Howard.

## 187356 to 188467—Continued

- 188046 to 188048. Two miles north and 9 miles east of Howard.  
188046. No. 366.  
188047. No. 371.  
188048. No. 372.
188049. No. 384. Two miles south and 2 miles west of Independence.  
188050. No. 385. Two miles south and 2 miles west of Independence.  
188051. No. 394. Upland pasture, 3 miles north and 7½ miles west of Bolton.
- 188052 to 188055. Near Eureka Lake, Greenwood County.  
188052. No. 411. 188054. No. 421.  
188053. No. 420. 188055. No. 422.
188056. No. 432. Upland sandstone pasture, 5 miles north and 5 miles west of Eureka.  
188057. No. 447. Upland limestone pasture, 6 miles west of Eureka.  
188058. No. 456. Limestone pasture, 10 miles southwest of Eureka.
- 188059 to 188063. Fall River Dam.  
188059. No. 463. 188062. No. 473.  
188060. No. 471. 188063. No. 474.  
188061. No. 472.
188064. No. 478a. Seven and one-half miles south and 1 mile west of Winfield.
- 188065 to 188067. Sandstone pasture, 1 mile east and 4 miles north of Fall River Dam.  
188065. No. 481.  
188066. No. 485a.  
188067. No. 486a.
188068. No. 490. Two miles north of Arkansas City.
- 188069 to 188071. Four miles south and 10 miles east of Arkansas City.  
188069. No. 494.  
188070. No. 496.  
188071. No. 497.
188072. No. 512. One mile south and 10½ miles east of Atlanta.
- 188073 to 188076. From Oklahoma.  
188073. No. 527. Sandstone upland, 4 miles southeast of Pawhuska.  
188074. No. 535. Twelve miles southeast of Pawhuska.  
188075. No. 552. Ten miles southwest of Bartlesville.  
188076. No. 556. Upland, 4 miles south of Ramona.
188077. No. 558. Six miles northeast of Collinsville, Kans.  
188078. No. 568. Ten miles south of Nowata, Okla.  
188079. No. 583. Eight and one-half miles east of Lenapah, Okla.  
188080. No. 594. Meadow, 4 miles west of Valeda, Kans.  
188081. No. 599. Two miles south of Chetopa, Kans.  
188082. No. 613. Three miles west of Phelps, Mo.  
188083. No. 622. Two and one-half miles northeast of Greenfield, Mo.

## 187356 to 188467—Continued

188084. No. 626. Upland meadow along Missouri Highway 43, 1½ miles south of U. S. 160, Missouri.

188085 to 188187. From Kansas.

188085. No. 636. Five miles west of Topeka.

188086 to 188088. Seven miles south and 10 miles east of Lyons.

188086. No. 642.

188087. No. 643.

188088. No. 644.

188089 and 188090. Six and one-half miles south and 11 miles east of Lyons.

188089. No. 650.

188090. No. 651.

188091. No. 661. Sandy pasture, 3½ miles west of Sterling.

188092. No. 677. Four and one-half miles west of Sterling.

188093. No. 696. Along edge of alkali flats, 2½ miles south and 10½ miles west of Sterling.

188094. No. 698. Salt flat, 2½ miles south and 10½ miles west of Sterling.

188095 to 188097. One and one-half miles north and 6 miles west of Nickerson.

188095. No. 731.

188096. No. 732.

188097. No. 733.

188098 to 188102. Five miles northeast of Hutchinson.

188098. No. 750.

188101. No. 753.

188099. No. 751.

188102. No. 754.

188100. No. 752.

188103 to 188107. Seven miles south of Partridge.

188103. No. 766.

188106. No. 769.

188104. No. 767.

188107. No. 770.

188105. No. 768.

188108 to 188112. Five miles south and 4½ miles east of Turon.

188108. No. 782.

188111. No. 785.

188109. No. 783.

188112. No. 786.

188110. No. 784.

188113 to 188115. Two and one-half miles north of Turon.

188113. No. 795.

188114. No. 796.

188115. No. 797.

188116 to 188121. Halls Summit.

188116. No. 808.

188119. No. 811.

188117. No. 809.

188120. No. 812.

188118. No. 810.

188121. No. 813.

## 187356 to 188467—Continued

188122 to 188124. One-half mile north and 1 mile west of Waverly.

188122. No. 842.

188123. No. 843.

188124. No. 844.

188125 to 188127. Four miles north of Burlington.

188125. No. 845.

188126. No. 846.

188127. No. 847.

188128. No. 854. Pasture, 4 miles north and 2 miles east of Gridley.

188129 to 188136. Three miles east of Gridley.

188129. No. 881.

188133. No. 885.

188130. No. 882.

188134. No. 886.

188131. No. 883.

188135. No. 887.

188132. No. 884.

188136. No. 888.

188137 to 188140. Three miles east and 1 mile north of Le Roy.

188137. No. 894.

188139. No. 896.

188138. No. 895.

188140. No. 897.

188141. No. 906. Eight miles north and 9½ miles west of Yates Center.

188142. No. 916. Two and one-half miles north of Virgil.

188143. No. 937. Low meadow, ½ mile east of Yates Center.

188144. No. 944. One mile east and 6 miles south of Yates Center.

188145. No. 954. Six miles south and 1½ miles west of Yates Center.

188146. No. 962. Low meadow, 5 miles south and 4 miles west of Yates Center.

188147 to 188153. Upland limestone meadow, 3 miles east of El Dorado.

188147. No. 983.

188151. No. 987.

188148. No. 984.

188152. No. 988.

188149. No. 985.

188153. No. 989.

188150. No. 986.

188154 to 188158. Upland limestone pasture, 7 miles east and 3 miles north of El Dorado.

188154. No. 1010.

188157. No. 1013.

188155. No. 1011.

188158. No. 1014.

188156. No. 1012.

188159. No. 1023. Two miles east of Keighley.

188160. No. 1024. Two miles east of Keighley.

188161 to 188165. Four miles south of El Dorado.

188161. No. 1050.

188164. No. 1053.

188162. No. 1051.

188165. No. 1054.

188163. No. 1052.

188166 to 188168. Upland pasture, 4½ miles south of Haverhill.

188166. No. 1066.

188168. No. 1068.

188167. No. 1067.

## 187356 to 188467—Continued

188169 to 188178. Upland pasture, 2 miles east of Smileyburg.

188169. No. 1084.	188174. No. 1089.
188170. No. 1085.	188175. No. 1090.
188171. No. 1086.	188176. No. 1091.
188172. No. 1087.	188177. No. 1092.
188173. No. 1088.	188178. No. 1093.

188179 to 188184. Three miles south of Leon.

188179. No. 1104.	188182. No. 1107.
188180. No. 1105.	188183. No. 1108.
188181. No. 1106.	188184. No. 1109.

188185. No. 1127. Three miles north and 1 mile west of Elkhart.

188186. No. 1131. Two miles north and 2 miles west of Elkhart.

188187. No. 1136. Seven miles west of Elkhart.

188188 to 188190. *ANDROPOGON HALLII* Hack. Poaceae. **Sand bluestem.**

188188. No. 1129. Two miles north and 2 miles west of Elkhart, Kans.

188189. No. 1136. Chet Reeves ranch, Finney County, Kans.

188190. No. 1140. Kansas Soil Conservation Nursery, Manhattan, Kans.  
Glumes black.

188191. *BOUTELOUA GRACILIS* (H. B. K.) Lag. Poaceae. **Blue grama.**

No. 678. Four and one-half miles west of Sterling, Kans.

188192. *ELYMUS CANADENSIS* L. Poaceae. **Canada wildrye.**

No. 565. Ten miles south of Nowata, Okla.

188193. *ERAGROSTIS INTERMEDIA* Hitchc. Poaceae.

No. 1139. Holcomb, Kans.

188194 to 188201. *KOELERIA CRISTATA* Pers. Poaceae.

188194. No. 73. Rogler ranch, 1 mile north of Matfield Green, Kans.

188195. No. 133. Four miles north and one-half mile west of Williamsburg, Kans.

188196 to 188198. Nine miles north of Columbus, Kans.

188196. No. 221.

188197. No. 222.

188198. No. 223.

188199 to 188201. Ten miles south of Nowata, Okla.

188199. No. 570.

188200. No. 571.

188201. No. 572.

188202 and 188203. *PASPALUM FLORIDANUM* Michx. Poaceae.

188202. No. 195. Wet meadow, 2 miles west and 3 miles south of Hallowell, Kans.

188203. No. 598. Low pasture, 2 miles south of Chetopa, Kans.

188204. *PASPALUM STRAMINEUM* Nash.

No. 718. One and one-half miles north and 6 miles west of Nickerson, Kans.



## 187356 to 188467—Continued

188205. *PASPALUM* sp.

No. 301. Upland meadow, 2 miles west of north edge of Pittsburg, Kans.

188206. *PASPALUM* sp.

No. 313. Two and one-half miles north of Girard, Kans.

188207. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

No. 302. Two miles west of north edge of Pittsburg, Kans.

188208. *SPOROBOLUS AIROIDES* (Torr.) Torr. Poaceae.

No. 697. Alkali area, 2½ miles south and 10½ miles west of Sterling, Kans.

188209 to 188226. *SPOROBOLUS HETEROLEPIS* A. Gray. Poaceae.

188209 to 188218. From Kansas.

188209. No. 11. Three miles north of McFarland.

188210 to 188212. Prairie, 2½ miles southwest of Ottawa.

188210. No. 106.

188211. No. 107.

188212. No. 108.

188213 to 188215. Bourbon County, northwest of Fort Scott.

188213. No. 323.

188214. No. 324.

188215. No. 325.

188216. No. 383. Two miles south and 2 miles west of Independence.

188217. No. 461. Near Fall River Dam.

188218. No. 480. One mile east and 4 miles north of Fall River Dam.

188219. No. 538. Twelve miles southeast of Pawhuska, Okla.

188220 to 188224. From Kansas.

188220. No. 957. Upland, 6 miles south and 1½ miles west of Yates Center.

188221 to 188224. Two miles east of Keighley.

188221. No. 1025.

188223. No. 1027.

188222. No. 1026.

188224. No. 1028.

188225. No. 1148. Upland bluestem meadow near Lincoln, Nebr.

188226. No. 1149. Upland bluestem meadow near Lincoln, Nebr.

188227 and 188228. *UNIOLA LATIFOLIA* Michx. Poaceae.

188227. No. 528. Four miles southeast of Pawhuska, Okla.

188228. No. 1145. From Charles P. McKinnie, Soil Conservation Service District, Erie, Kans.

188229 and 188230. *AMORPHA CANESCENS* Pursh. Fabaceae.

188229. No. 540. Twelve miles southeast of Pawhuska, Okla.

188230. No. 590. Along Highway 166, 1 mile east of Montgomery County Line, Okla.

188231 to 188239. *CASSIA FASCICULATA* Michx. Fabaceae. Partridgepea.

188231. No. 309. Two miles west of center of Pittsburg, Kans.

188232. No. 298. Three miles north and 7½ miles west of Bolton, Kans.

188233. No. 409. Sandstone upland, 2 miles east of Sedan, Kans.

## 187356 to 188467—Continued

188234. No. 425. Limestone meadow, Eureka, Kans.  
188235. No. 509. One mile south and 10½ miles east of Atlanta, Kans.  
188236. No. 542. One mile north of Barnsdall, Okla.  
188237. No. 610. Two miles south of Chetopa, Kans.  
188238. No. 645. Seven miles south and 10 miles east of Lyons, Kans.  
188239. No. 1123. Three miles south of Leon, Kans.  
188240 to 188245. *DESMANTHUS ILLINOENSIS* (Michx.) Mac M. Fabaceae.  
From Kansas.  
188240. No. 23. Three miles northeast of Paxico.  
188241. No. 131. Franklin County.  
188242. No. 136. Franklin County.  
188243. No. 152. Wilson County.  
188244. No. 218. Nine miles north of Columbus.  
188245. No. 308. Upland meadow, 2 miles west of center of Pittsburg.  
188246. *DESMODIUM ILLINOENSE* Gray. Fabaceae.  
No. 387a. Two miles south and 2 miles west of Independence, Kans.  
188247. *DESMODIUM* sp.  
No. 146. Wilson County, Kans. Erect perennial.  
188248. *DESMODIUM* sp.  
No. 204. Three miles west and 1 mile north of Baxter Springs, Kans.  
Flowers cream-colored.  
188249. *DESMODIUM* sp.  
No. 300. Upland meadow, 2 miles west of north edge of Pittsburg, Kans.  
188250 and 188251. *LOTUS PURSHIANUS* (Benth.) Clements & Clements.  
Fabaceae.  
188250. No. 646. Sand dune, 7 miles south and 10 miles east of Lyons,  
Kans.  
188251. No. 804. Two and one-half miles north of Turon, Kans.  
188252. *PETALOSTEMUM* sp. Fabaceae.  
No. 377. Two miles north and 9 miles east of Howard, Kans.  
188253. *PETALOSTEMUM* sp.  
No. 448. Six miles west of Eureka, Kans.  
188254. *PETALOSTEMUM* sp.  
No. 559. Ten miles south of Nowata, Okla.  
188255. *PETALOSTEMUM* sp.  
No. 836. Halls Summit, Kans.  
188256. *TEPHROSIA VIRGINIANA* Pers. Fabaceae.  
No. 660. Six and one-half miles south and 11 miles east of Lyons, Kans.  
188257 to 188308. *LESPEDEZA CAPITATA* Michx. Fabaceae.  
188257 to 188277. From Kansas.  
188257. No. 113. Two and one-half miles southwest of Ottawa.  
188258. No. 115. Two miles south of Homewood.  
188259. No. 216. Two miles south and 3½ miles east of Columbus.

## 187356 to 188467—Continued

188260. No. 224. Four miles north of Columbus.  
188261. No. 245. Six miles northeast of Garnett.  
188262. No. 265. Wet in parts, 1½ miles north of Mount Ida.  
188263. No. 303. Upland meadow, 2 miles west of north edge of Pittsburg.  
188264. No. 304. Upland meadow, 2 miles west of Pittsburg.  
188265. No. 357. Sandstone pasture, 9 miles east and 3 miles south of Howard.  
188266. No. 378. Upland sandstone area, 2 miles north and 9 miles east of Howard.  
188267 to 188269. Two miles south and 2 miles west of Independence.  
188267. No. 388.  
188268. No. 404.  
188269. No. 408.  
188270. No. 428. Bottomland, Fall River.  
188271. No. 449. Six miles west of Eureka.  
188272. No. 459. Ten miles southwest of Eureka.  
188273. No. 466. Fall River Dam.  
188274. No. 478. Fall River Dam.  
188275. No. 480. Seven and one-half miles south and 1 mile west of Winfield.  
188276. No. 506. Seven and one-half miles south and 1 mile west of Winfield.  
188277. No. 507. Ferguson Ranch, 1 mile south and 10½ miles east of Atlanta.  
188278 to 188282. From Oklahoma.  
188278 to 188280. Four miles southeast of Pawhuska.  
188278. No. 530.  
188279. No. 544.  
188280. No. 546.  
188281. No. 560. Ten miles south of Nowata.  
188282. No. 576. Upland prairie, 8½ miles east of Lenapah.  
188283. No. 611. Three miles west of Phelps, Mo.  
188284. No. 618. One mile south of Greenfield, Mo.  
188285. No. 624. Two and one-half miles northeast of Greenfield, Mo.  
188286. No. 629. One and one-half miles south of Highway U. S. 160, along No. 43, Missouri.  
188287 to 188308. From Kansas.  
188287. No. 637. Southwest of Topeka.  
188288. No. 648. Seven miles south and 10 miles east of Lyons.  
188289. No. 658. Three miles east of Sterling.  
188290. No. 686. Five miles west of Sterling.  
188291. No. 695. Two and one-half miles south and 9½ miles west of Sterling.  
188292. No. 701. Salt flat.

## 187356 to 188467—Continued

188293. No. 716. Two miles south and one-half mile east of Alden.  
188294. No. 717. One and one-half miles north and 6 miles west of Nickerson.  
188295. No. 756. Five miles northeast of Hutchinson.  
188296. No. 758. Ninnescah bottoms, 7 miles south of Partridge.  
188297. No. 805. Two and one-half miles north of Turon.  
188298. No. 833. Halls Summit.  
188299. No. 864. One mile north of Gridley.  
188300. No. 889. Three miles east of Gridley.  
188301. No. 900. Three miles east and 1 mile north of Gridley.  
188302. No. 919. Two and one-half miles north of Virgil.  
188303. No. 920. One-half mile east of Yates Center.  
188304. No. 958. Six miles south and 1½ miles west of Yates Center.  
188305. No. 961. Five miles south and 4 miles west of Yates Center.  
188306. No. 980. Three miles east of El Dorado.  
188307. No. 1082. Two miles east of Smileyburg.  
188308. No. 1103. Three miles south of Leon.  
188309 to 188338. From Kansas.  
188309. *LESPEDEZA* sp.  
No. 132. Franklin County. Prostrate perennial.  
188310. *LESPEDEZA* sp.  
No. 144. Wilson County along Highway 96. Perennial, prostrate.  
188311. *LESPEDEZA* sp.  
No. 145. Wilson County along Highway 96. Perennial, erect.  
188312. *LESPEDEZA* sp.  
No. 147. Wilson County.  
188313. *LESPEDEZA* sp.  
No. 154. Three miles east and 1½ miles south of Fredonia.  
188314. *LESPEDEZA* sp.  
No. 217. Two miles south and 3½ miles east of Columbus.  
188315. *LESPEDEZA* sp.  
No. 225. Four miles north of Columbus.  
188316. *LESPEDEZA* sp.  
No. 246. Six miles northeast of Garnett.  
188317. *LESPEDEZA* sp.  
No. 247. Six miles northeast of Garnett.  
188318. *LESPEDEZA* sp.  
No. 322.  
188319 to 188321. Upland limestone pasture, 6 miles west of Howard. Slender, erect type.  
188319. *LESPEDEZA* sp.  
No. 338.  
188320. *LESPEDEZA* sp.  
No. 358.

## 187356 to 188467—Continued

188321. *LESPEDEZA* sp.

No. 359.

188322. *LESPEDEZA* sp.

No. 361. Four miles north of Longton.

188323. *LESPEDEZA* sp.

No. 362. Upland, 2 miles north and 9 miles east of Howard.

188324. *LESPEDEZA* sp.

No. 389. Two miles south and 2 miles west of Independence.

188325. *LESPEDEZA* sp.

No. 401. Three miles north and  $7\frac{1}{2}$  miles west of Bolton.

188326. *LESPEDEZA* sp.

No. 402. Three miles north and  $7\frac{1}{2}$  miles west of Bolton.

188327. *LESPEDEZA* sp.

No. 403. Three miles north and  $7\frac{1}{2}$  miles west of Bolton.

188328. *LESPEDEZA* sp.

No. 406. Upland, 2 miles east of Sedan. Perennial; erect; leaves broad.

188329. *LESPEDEZA* sp.

No. 407. Upland, 2 miles east of Sedan. Perennial; erect; leaves narrow.

188330. *LESPEDEZA* sp.

No. 427. Fall River. Perennial.

188331. *LESPEDEZA* sp.

No. 460. Ten miles southwest of Eureka.

188332. *LESPEDEZA* sp.

No. 467. Fall River Dam. Perennial; erect, slender.

188333. *LESPEDEZA* sp.

No. 476. One mile east and 4 miles north of Fall River Dam.

188334. *LESPEDEZA* sp.

No. 477. One mile east and 4 miles north of Fall River Dam.

188335. *LESPEDEZA* sp.

No. 479. One mile east and 4 miles north of Fall River Dam. Perennial.

188336. *LESPEDEZA* sp.

No. 504. Ten miles east and 4 miles south of Arkansas City.

188337. *LESPEDEZA* sp.

No. 505. Ten miles east and 4 miles south of Arkansas City. Perennial; short, erect.

188338. *LESPEDEZA* sp.

No. 508. Ferguson ranch, approximately 10 miles east of Atlanta. Perennial; short, erect.

188339 to 188352. From Oklahoma.

188339. *LESPEDEZA* sp.

No. 531. Upland, 4 miles southeast of Pawhuska. Perennial; erect; leaves narrow.

## 187356 to 188467—Continued

188340. *LESPEDEZA* sp.

No. 532. Upland, 4 miles southeast of Pawhuska. Perennial; erect; leaves broad.

188341. *LESPEDEZA* sp.

No. 533. Upland, 4 miles southeast of Pawhuska. Perennial; prostrate.

188342. *LESPEDEZA* sp.

No. 539. Meadow, 12 miles southeast of Pawhuska. Perennial; erect; leaves narrow.

188343. *LESPEDEZA* sp.

No. 543. One mile north of Barnsdall. Perennial; leaves narrow.

188344. *LESPEDEZA* sp.

No. 545. Ten miles southwest of Bartlesville. Perennial; erect; leaves narrow.

188345. *LESPEDEZA* sp.

No. 547. Ten miles southwest of Bartlesville. Perennial.

188346. *LESPEDEZA* sp.

No. 548. Ten miles southwest of Bartlesville. Perennial; erect; leaves narrow.

188347. *LESPEDEZA* sp.

No. 555. Four miles south of Ramona. Perennial; erect; leaves narrow.

188348. *LESPEDEZA* sp.

No. 561. Ten miles south of Nowata. Perennial; erect, tall; leaves narrow.

188349. *LESPEDEZA* sp.

No. 577. Eight and one-half miles east of Lenapah.

188350. *LESPEDEZA* sp.

No. 578. Eight and one-half miles east of Lenapah. Perennial; semi-erect, slender.

188351. *LESPEDEZA* sp.

No. 579. Eight and one-half miles east of Lenapah. Similar to 188350; leaflets large.

188352. *LESPEDEZA* sp.

No. 580. Eight and one-half miles east of Lenapah. Perennial; short, erect; leaves narrow.

188353. *LESPEDEZA* sp.

No. 612. Three miles west of Phelps, Mo. Perennial; erect; leaves narrow.

188354. *LESPEDEZA* sp.

No. 619. Three miles west of Phelps, Mo. Perennial, prostrate.

188355. *LESPEDEZA* sp.

No. 620. Three miles west of Phelps, Mo. Perennial; erect; leaves narrow.

188356. *LESPEDEZA* sp.

No. 623. Two and one-half miles northeast of Greenfield, Mo. Perennial; erect; leaves narrow.

## 187356 to 188467—Continued

188357. *LESPEDEZA* sp.

No. 806. From sandy roadside, 2½ miles north of Turon, Kans. Perennial; erect; leaves broad.

188358. *LESPEDEZA* sp.

No. 941. One-half mile east of Yates Center, Kans. Perennial; erect; leaves narrow.

188359. *LESPEDEZA* sp.

No. 942. Growing on rocky limestone slope, 1 mile east and 6 miles south of Yates Center, Kans.

188360. *LESPEDEZA* sp.

No. 943. Growing on rocky limestone slope, 1 mile east and 6 miles south of Yates Center, Kans. Perennial; erect; leaves narrow.

188361 to 188371. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.

From Kansas.

188361. No. 487. Two miles north of Arkansas City. Sandy area.

188362. No. 588. One mile east of Labette, near Montgomery County line.

188363. No. 632. Eight miles south of Lawrence.

188364. No. 891. Three miles east of Gridley.

188365. No. 903. Three miles east and 1 mile north of Le Roy.

188366. No. 910. Eight miles north and 9½ miles west of Yates Center.

188367. No. 921. One-half mile east of Yates Center.

188368. No. 1017. Two and one-half miles south of Rosalia.

188369. No. 1022. Two miles east of Keighley.

188370. No. 1077. Four and one-half miles south of Haverhill.

188371. No. 1121. Three miles south of Leon.

188372 to 188379. *HELIANTHUS GROSSE-SERRATUS* Martens.

188372. No. 116. Two miles south of Homewood, Kans.

188373. No. 405. One mile north and 10½ miles east of Sedan, Kans.

188374. No. 574. One and one-half miles east of Lenapah, Okla.

188375 to 188379. From Kansas.

188375. No. 633. Eight miles south of Lawrence.

188376. No. 654. Approximately 11 miles east and 6½ miles south of Lyons.

188377. No. 837. Halls Summit.

188378. No. 904. One mile north and ½ mile east of Gridley.

188379. No. 923. One-half mile east of Yates Center.

188380. *HELIANTHUS HIRSUTUS* Raf.

No. 522. Four miles southeast of Pawhuska, Okla.

188381. *HELIANTHUS LAETIFLORUS* Pers.

No. 168. Five miles north of Altoona, Kans. Summit soil.

188382 to 188397. *HELIANTHUS MAXIMILIANII* Schrad.

From Kansas.

188382. No. 153. One and one-half miles north of New Albany.

## 187356 to 188467—Continued

188383. No. 250. Three miles west of Garnett.  
188384. No. 267. One and one-half miles north of Mount Ida.  
188385. No. 327. Six miles west of Howard.  
188386. No. 390. Two miles south and 2 miles west of Independence.  
188387. No. 440. Six miles west of Eureka.  
188388. No. 451. Ten miles southwest of Eureka.  
188389. No. 502. Ten miles east and 4 miles south of Arkansas City.  
188390. No. 589. One mile east of Labette, near Montgomery County line.  
188391. No. 834. Halls Summit.  
188392. No. 852. Four miles north and 2 miles east of Gridley.  
188393. No. 908. Eight miles north and  $9\frac{1}{2}$  miles west of Yates Center.  
188394. No. 996. Three miles east of El Dorado.  
188395. No. 1039. Four miles south of El Dorado.  
188396. No. 1083. Two miles east of Smileyburg.  
188397. No. 1122. Three miles south of Leon.  
188398 to 188419. *HELIANTHUS MOLLIS* Lam.  
188398 to 188407. From Kansas.  
188398. No. 114. Two and one-half miles south of Ottawa.  
188399. No. 169. Five miles north of Altoona.  
188400. No. 252. Six miles west and 1 mile south of Garnett.  
188401. No. 268. One and one-half miles north of Mount Ida.  
188402. No. 291. Two miles west of the north edge of Pittsburg.  
188403. No. 355. Nine miles east and 3 miles south of Howard.  
188404. No. 392. Two miles south and 2 miles west of Independence.  
188405. No. 400. Three miles north and  $7\frac{1}{2}$  miles west of Bolton.  
188406. No. 410. Two miles east of Sedan.  
188407. No. 484. One mile east and 4 miles north of Fall River Dam.  
188408. No. 529. Four miles southeast of Pawhuska, Okla.  
188409. No. 554. Ten miles west of Bartlesville, Okla.  
188410. No. 564. Nowata, Okla.  
188411. No. 607. Two miles south of Chetopa, Kans.  
188412. No. 616. Three miles west of Phelps, Mo.  
188413. No. 625. Two and one-half miles northeast of Greenfield, Mo.  
188414. No. 630. One and one-half miles south of U. S. No. 160, 12 miles west of Lamar, Mo.  
188415 to 188419. From Kansas.  
188415. No. 835. Halls Summit.  
188416. No. 853. Four miles north and 2 miles east of Gridley.  
188417. No. 890. Three miles east of Gridley.  
188418. No. 901. Three miles east and 1 mile north of Le Roy.  
188419. No. 912. Two and one-half miles north of Virgil.



## 187356 to 188467—Continued

- 188420 to 188435. *HELIANTHUS RIGIDUS* (Cass.) Desf. **Prairie sunflower.**  
 188420 to 188426. From Kansas.  
 188420. No. 137. Four miles north and  $1\frac{1}{2}$  miles west of Williamsburg.  
 188421. No. 251. Upland pasture, 6 miles west and 1 mile south of Garnett.  
 188422. No. 266. Low prairie meadow, wet in some parts,  $1\frac{1}{2}$  miles north of Mount Ida.  
 188423. No. 356. Nine miles east and 3 miles south of Howard.  
 188424. No. 393. Two miles west and 2 miles south of Independence.  
 188425. No. 399. Near timber, 3 miles north and  $7\frac{1}{2}$  miles west of Bolton.  
 188426. No. 450. Ten miles southwest of Eureka.  
 188427. No. 541. One mile north of Barnsdall, Okla.  
 188428. No. 562. Ten miles south of Nowata, Okla.  
 188429. No. 586. Eight and one-half miles east of Lenapah, Okla.  
 188430 to 188435. From Kansas.  
 188430. No. 734. Seven miles north and 3 miles west of Hutchinson.  
 188431. No. 892. Three miles east of Gridley.  
 188432. No. 902. Three miles east and 1 mile north of Le Roy.  
 188433. No. 909. Eight miles north and  $9\frac{1}{2}$  miles west of Yates Center.  
 188434. No. 922. One-half mile east of Yates Center.  
 188435. No. 1078. Four and one-half miles south of Haverhill.  
 188436 to 188440. *HELIANTHUS SALICIFOLIUS* A. Dietr.  
 From Kansas.  
 188436. No. 138. Four miles north and  $1\frac{1}{2}$  miles west of Williamsburg.  
 188437. No. 178. Five miles north of Altoona.  
 188438. No. 249. Six miles northeast of Garnett.  
 188439. No. 911. Limestone soil, 12 miles northwest of Yates Center.  
 188440. No. 995. Three miles east of El Dorado.  
 188441 to 188443. *HELIANTHUS TUBEROSUS* L. **Jerusalem artichoke.**  
 From Kansas.  
 188441. No. 241. Three miles northeast of Garnett.  
 188442. No. 326. Five miles west of Howard.  
 188443. No. 379. Two miles north and 9 miles east of Howard.  
 188444 to 188461. *HELIANTHUS* spp.  
 188444 to 188449. From Kansas.  
 188444. *HELIANTHUS* sp.  
 No. 391. (No data.)  
 188445. *HELIANTHUS* sp.  
 No. 439. Five miles north and 5 miles west of Eureka.  
 188446. *HELIANTHUS* sp.  
 No. 441. Six miles west of Eureka.

## 187356 to 188467—Continued

188447. *HELIANTHUS* sp.

No. 452. Ten miles southwest of Eureka.

188448. *HELIANTHUS* sp.

No. 503. Ten miles east and 4 miles south of Arkansas City.

188449. *HELIANTHUS* sp.

No. 510. One mile south and 10½ miles east of Atlanta.

188450 to 188453. From Oklahoma.

188450. *HELIANTHUS* sp.

No. 549. Ten miles southwest of Bartlesville.

188451. *HELIANTHUS* sp.

No. 563. Ten miles south of Nowata.

188452. *HELIANTHUS* sp.

No. 587. Ten and one-half miles east of Lenapah.

188453. *HELIANTHUS* sp.

No. 617. One mile south of Greenfield.

188454 to 188461. From Kansas.

188454. *HELIANTHUS* sp.

No. 647. Seven miles south and 10 miles east of Lyons.

188455. *HELIANTHUS* sp.

No. 659. Thirteen miles east of Sterling.

188456. *HELIANTHUS* sp.

No. 755. Five miles northeast of Hutchinson.

188457. *HELIANTHUS* sp.

No. 757. Five miles northeast of Hutchinson.

188458. *HELIANTHUS* sp.

No. 790. Five miles south and 4½ miles east of Turon.

188459. *HELIANTHUS* sp.

No. 807. Two and one-half miles north of Turon.

188460. *HELIANTHUS* sp.

No. 905. One mile north and one-half mile east of Gridley.

188461. *HELIANTHUS* sp.

No. 960.

188462 and 188463. *HELIOPSIS SCABRA* Dun. Asteraceae.

188462. No. 35. Four miles west of Dover, Kans.

188463. No. 575. One and one-half miles east of Lenapah, Okla.

188464 and 188465. *SILPHIUM INTEGRIFOLIUM* Michx. Asteraceae.

188464. No. 36. Four miles west of Dover, Kans.

188465. No. 57a. One mile north of Matfield Green, Kans.

188466 and 188467. *SILPHIUM LACINIATUM* L.

188466. No. 453. Ten miles southwest of Eureka, Kans.

188467. No. 1018. Two and one-half miles south of Rosalia, Kans.

188468. *CASTANEA MOLLISSIMA* Blume. Fagaceae.**Hairy chestnut.**

From Denmark. Seeds presented by Skovbrug & Park Knuthenborg Co., Bandholm. Received Mar. 24, 1950.

188469. *LOTUS CORNICULATUS* var. *JAPONICUS* Regal. Fabaceae.

From Japan. Seeds presented by R. E. Culbertson, Natural Resource Section, SCAP, APO 500, San Francisco, Calif. Received Mar. 24, 1950.

188470. *RHUS LANCEA* L. f. Anacardiaceae.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Mar. 24, 1950.

*Rooi Karree.*

188471 to 188484. *CAPSICUM* spp. Solanaceae

From California. Seeds presented by Paul G. Smith, Agricultural Experiment Station, Davis. Received Mar. 27, 1950.

188471 to 188480. *CAPSICUM FRUTESCENS* L.**Redpepper.**

188471 to 188478. Originally from Mexico.

188471. U. C. No. 908. *Chili Tepine*. Nogales. 188475. U. C. No. 903. *Pequinata*.

188472. U. C. No. 961. *Mirasol*. Orizaba Valley. 188476. U. C. No. 904. *Rat Chili*.

188473. U. C. No. 962. 188477. U. C. No. 905. *Uvilla*.  
188474. U. C. No. 964. 188478. U. C. No. 906. *Uvilla Grande*.

188479. U. C. No. 835. Originally from Efate, New Hebrides.

188480. U. C. No. 918. Originally from Trujillo, Peru.

188481 to 188483. *CAPSICUM PENDULUM* Willd.

Originally from Peru.

188481. U. C. No. 911. *Caniete*.

188482. U. C. No. 917. *Piura*.

188483. U. C. No. 931. Tuiga Experiment Station, Tuiga.

188484. *CAPSICUM PUBESCENS* Ruiz & Pav.

U. C. No. 941. Originally from Arequipa, Peru.

188485 to 188487. *DIOSCOREA* spp. Dioscoreaceae.

From the Gold Coast. Tubers presented by the American Consulate, Accra. Received Mar. 29, 1950.

188485. *DIOSCOREA* sp.

Lot I.

188486. *DIOSCOREA* sp.

Lot II.

188487. *DIOSCOREA* sp.

Lot III.

188488. *PIPER NIGRUM* L. Piperaceae.**Black pepper.**

From Ceylon. Seeds presented by the Royal Botanic Gardens, Peradeniya. Received Mar. 29, 1950.

**188489 to 188492. DIOSCOREA spp. Dioscoreaceae.**

From Texas. Tubers presented by the Foundation of Applied Research, San Antonio. Received Mar. 29, 1950.

188489. *DIOSCOREA* sp.

No. 1.

188490. *DIOSCOREA* sp.

No. 2.

188491. *DIOSCOREA* sp.

No. 3.

188492. *DIOSCOREA* sp.

No. 4.

**188493. SOLANUM sp. Solanaceae.**

From Guatemala. Tubers collected by Robert Moncure, Office of Foreign Agricultural Relations, Washington, D. C.

Collected from small isolated Ladino community of northeast side of the Cuchumatanes Mountains, San Jose Flores, Huehuetenango.

**188494. LOBELIA GIBBEROA Hemsl. Campanulaceae.**

From England. Seeds presented by the Royal Horticultural Society, Wisley. Received Mar. 29, 1950.

**188495. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae. Kudzu.**

From Korea. Seeds presented by H. C. Gauger, American Mission in Korea, APO 404, San Francisco, Calif. Received Mar. 29, 1950.

From north of Seoul.

**188496 and 188497. GOSSYPIUM. Malvaceae. Cotton.**

From Peru. Seeds presented by the Anderson Clayton and Company, Houston, Tex. Mar. 30, 1950.

188496. No. 1.

188497. No. 2.

**188498 and 188499.**

From Nigeria. Tubers collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Mar. 31, 1950.

188498. *IPOMOEA* sp. Convolvulaceae.

No. 1.

188499. *IPOMOEA* sp.

No. 2.

**188500 to 188514. PYRUS COMMUNIS L. Malaceae. Pear.**

From France. Scions presented by the American Embassy, Paris. Received Mar. 1, 1950.

188500. No. 1.

188508. No. 9.

188501. No. 2.

188509. No. 10.

188502. No. 3.

188510. No. 11.

188503. No. 4.

188511. No. 12.

188504. No. 5.

188512. No. 13.

188505. No. 6.

188513. No. 14.

188506. No. 7.

188514. (No data.)

188507. No. 8.

**188515 to 188537.**

From the Netherlands. Scions presented by C. J. Gerritsen, Wageningen.  
Received Apr. 3, 1950.

**188515 to 188525.** MALUS SYLVESTRIS Mill. Malaceae.

**Apple.**

- |                                       |  |
|---------------------------------------|--|
| 188515. <i>Dekkers Glorie.</i>        | 188521. <i>Reinette Van Ekenstein.</i> |
| 188516. <i>Kouleman.</i>              | 188522. <i>Schöne Van Iephof.</i>      |
| 188517. <i>Koningszuur.</i>           | 188523. <i>Shellinkhout.</i>           |
| 188518. <i>Luntersee Pippeling.</i>   | 188524. <i>Storappel.</i>              |
| 188519. <i>Present Van Engelland.</i> | 188525. <i>Vogelcalville.</i>          |
| 188520. <i>Present Van Holland.</i>   |  |

**188526 to 188537.** PYRUS COMMUNIS L. Malaceae.

**Pear.**

- |  |  |
|--|--|
| 188526. <i>Brederode.</i>              | 188532. <i>Jut.</i>                    |
| 188527. <i>Calebasse de Tirlemont.</i> | 188533. <i>Provisiepeer.</i>           |
| 188528. <i>Gieser Wildemanspeer.</i>   | 188534. <i>Valse Ijsbout.</i>          |
| 188529. <i>Groninger Juttepper.</i>    | 188535. <i>Wellemanpeer.</i>           |
| 188530. <i>Herfstpeer Van Geulle.</i>  | 188536. <i>Zolte Brederode.</i>        |
| 188531. <i>Kleipeer.</i>               | 188537. <i>Zwijndrechtse Wijnpeer.</i> |

**188538. AMORPHOPHALLUS sp. Araceae.**

From Liberia. Corms collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Apr. 3, 1950.

Savannah, 10 miles east of Monrovia.

**188539 to 188542. RHODODENDRON spp. Ericaceae.**

From Japan. Seeds presented by K. Wada, Hakoneya Nurseries, Numazu-shu.  
Received Apr. 4, 1950.

188539. RHODODENDRON AMBIGUUM Hemsl.  
188540. RHODODENDRON ERIOCARPUM (Hayata) Nakai.  
188541. RHODODENDRON SCABRUM Don.  
188542. RHODODENDRON.

*R. scabrum*  $\times$  *sublanceolatum*.

**188543. TRIFOLIUM PANNONICUM Jacq. Fabaceae.**

From the Netherlands. Seeds presented by Dr. J. Heimans, Botanic Garden, Amsterdam. Received Apr. 4, 1950.

**188544. FRAGARIA. Rosaceae.**

**Strawberry.**

From Australia. Plants presented by the Department of Agriculture, Sydney, New South Wales. Received Apr. 4, 1950.

**188545 to 188555. PHASEOLUS VULGARIS L. Fabaceae.**

**Common bean.**

From the Philippine Islands. Seeds presented by Simon B. Barbadillo, Bangued, Abra. Received Apr. 4, 1950.

- |                |                 |
|----------------|-----------------|
| 188545. No. 1. | 188551. No. 7.  |
| 188546. No. 2. | 188552. No. 8.  |
| 188547. No. 3. | 188553. No. 9.  |
| 188548. No. 4. | 188554. No. 10. |
| 188549. No. 5. | 188555. No. 11. |
| 188550. No. 6. |                 |

**188556. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Yugoslavia. Seeds presented by Dr. Earlo Sostario-Pisacic, Zagreb.  
Received Apr. 4, 1950.

**188557. BIGNONIA sp. Bignoniaceae.**

From England. Corms presented by W. C. Lowdermilk, American Embassy,  
London. Received Apr. 4, 1950.

**188558 and 188559. DESMODIUM spp. Fabaceae.**

From Guatemala. Seeds collected by Claud Horn, Office of Foreign Agricultural Relations, Washington, D. C. Received Apr. 5, 1950.

188558. *DESMODIUM INTORTUM* (Mill.) Urb.

188559. *DESMODIUM DISTORTUM* (Aubl.) Macbride.

**188560 to 188564.**

From Colombia. Seeds presented by the American Embassy, Bogotá. Received Apr. 5, 1950.  
Originally from Brazil.

188560 to 188562. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.  
Cauliflower.

188560. Broccoli.

188561. *Costal*. Cauliflower.

188562. *Hybrido*.

188563 and 188564. *ZEA MAYS* L. Poaceae.

Corn.

188563. No. 1.

188564. No. 2.

**188565 to 188571. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From Italy. Seeds presented by A. Buzzati-Traverso, Pavia. Received Apr. 5, 1950.

188565. *Pancrazio Razza* 15.

188569. *Razza* 23/7.

188566. *Pilastro Razza* 37/22.

188570. *Razza* 28/5.

188567. *Prostero Razza* 21.

188571. *Razza* 39.

188568. *Razza* 3. P.

**188572 to 188574. HELIANTHUS ANNUUS L. Asteraceae.**

Sunflower.

From Argentina. Seeds presented by the American Embassy, Buenos Aires.  
Received Apr. 5, 1950.

188572. *Klein*.

188573. *Girasol*.

188574. *Girasol; Saratov M.A.*

**188575. STERCULIA DIVERSIFOLIA Don. Sterculiaceae.**

Black kurrajong.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Apr. 6, 1950.

**188576. ASTRAGALUS sp. Fabaceae.**

From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Received Apr. 6, 1950.

Received as *A. somaliensis* var. *lindbloomii*, an apparently unpublished name.

**188577 to 188579. DIANTHUS spp. Caryophyllaceae.**

From Sweden. Seeds presented by the Bergius Botanical Garden, Stockholm.  
Received Apr. 7, 1950.

188577. *DIANTHUS GIGANTEUS* D'Urv.

188578. *DIANTHUS LIBURNICUS* Bartl. & Wendl.

188579. *DIANTHUS SEGUIERI* Vill.

**188580 to 188600. VITIS VINIFERA L. Vitaceae.****European grape.**

From France. Cuttings presented by the National School of Agriculture,  
Montpellier. Received Apr. 7, 1950.

188580. *Jaeger*. No. 70.

188591. *Couderc*. No. 13.

188581. *Cazalet*.

188592. *Maligue* 2049-3.

188582. *Castel* 19-637.

188593. *Estellat*.

188583. *Couderc* 2.

188594. *Bereandiei* Millaidet.

188584. *Gaillard* 157.

188595. *Jaeger*. No. 1.

188585. *Gaillard*. No. 2.

188596. *Celine*.

188586. *Microsperma*.

188597. *Totmur* 2-16.

188587. *Couderc*. No. 16.

188598. *Couderc*. No. 12.

188588. *Douriou*.

188599. *Maligue* 829-6.

188589. *Couderc*. No. 3.

188600. *Maligue* 829-6.

188590. *Jaeger*. No. 70.

**188601 to 188603. AVENA SATIVA L. Poaceae.****Oats.**

From Japan. Seeds presented by E. B. Coffman, Natural Resource Section,  
SCAP, APO 500, San Francisco, Calif. Received Mar. 28, 1950.

188601. No. 260.

188602. No. 261.

188603. No. 262.

**188604 to 188606. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From France. Scions presented by J. Beuchere, Rennes. Received Apr. 11,  
1950.

188604. *Pied Court*.

188605. *Rador*.

188606. *Reinette D'Armorique*.

**188607 to 188611.**

From Switzerland. Seeds presented by the Samen-Mausser, Zurich. Received  
Apr. 12, 1950.

188607. *ATRIPLEX HORTENSIS* L. Chenopodiaceae.

**Orach.**

*Melde-Spinat*.

188608 to 188611. *BRASSICA OLERACEA* var. *GONGYLODES* L. Brassicaceae.

**Kohlrabi.**

188608. *Blauer Optimus*.

188610. *Roggli's Freiland*.

188609. *Ozean*.

188611. *Roggli's Treib-a-forcer*.

**188612. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Yugoslavia. Seeds presented by the Ministry of Agriculture, Zagreb.  
Received Apr. 12, 1950.

## 188613 to 188673. SOLANUM. Solanaceae.

Potato.

From Germany. Tubers presented by the Max-Planck Institute, Voldagsen über Elze. Received Apr. 12, 1950.

- 188613. No. 508/1. (*S. demissum* × *demissum*) × *tuberosum*.
- 188614. No. 508/6. (*S. demissum* × *demissum*) × *tuberosum*.
- 188615. No. 531/4. (*S. demissum* × *tuberosum*) × *Bona*.
- 188616. No. 531/12. (*S. demissum* × *tuberosum*) × *Bona*.
- 188617. No. 532/26. (*S. demissum* × *tuberosum*) × *Flava*.
- 188618. No. 532/46. (*S. demissum* × *tuberosum*) × *Flava*.
- 188619. No. 532/194. (*S. demissum* × *tuberosum*) × *Flava*.
- 188620. No. 533/40. (*S. demissum* × *tuberosum*) × *Flava*.
- 188621. No. 535/57. (*S. demissum* × *tuberosum*) × *Flava*.
- 188622. No. 535/78. (*S. demissum* × *tuberosum*) × *Flava*.
- 188623. No. 536/6. (*S. demissum* × *tuberosum*) × *Frühmolle*.
- 188624. No. 599/1. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188625. No. 599/5. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188626. No. 599/18. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188627. No. 602/7. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188628. No. 604/6. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188629. No. 609/1. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188630. No. 610/14. (*S. demissum* × *tuberosum*) × *Selfed*.
- 188631. No. 624/3. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188632. No. 637/6. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188633. No. 637/8. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188634. No. 650/1. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188635. No. 655/7. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188636. No. 661/2. (*S. demissum* × *demissum*) × *S. tuberosum*.
- 188637. No. 693/7. (*S. demissum* × *tuberosum*) × *Flava*.
- 188638. No. 725/25. (*S. demissum* × *Solanum*.) × (*Flava* × *Flava*).
- 188639. No. 739/1. (*S. demissum* × *Solanum*.) × *S. chacoense* × *Aquila*).
- 188640. No. 739/2. (*S. demissum* × *Solanum*.) × *S. chacoense* × *Aquila*).
- 188641. No. 739/3. (*S. demissum* × *Solanum*.) × *S. chacoense* × *Aquila*).
- 188642. No. 739/5. (*S. demissum* × *Solanum*.) × *S. chacoense* × *Aquila*).
- 188643. No. 743/23. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).
- 188644. No. 745/8. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).
- 188645. No. 745/10. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).
- 188646. No. 747/31. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).
- 188647. No. 747/67. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).



## 188613 to 188673—Continued

188648. No. 748/2. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).  
 188649. No. 748/70. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Flava*).  
 188650. No. 749/1. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Mittelfruhe*).  
 188651. No. 749/3. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Mittelfruhe*).  
 188652. No. 749/4. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Mittelfruhe*).  
 188653. No. 749/6. (*S. tuberosum* × *polyadenium*) × (*Aquila* × *Mittelfruhe*).  
 188654. No. 752/11. (*S. polyadenium* × *tuberosum*) × (*S. demissum* × *tuberosum*).  
 188655. No. 752/13. (*S. polyadenium* × *tuberosum*) × (*S. demissum* × *tuberosum*).  
 188656. No. 752/18. (*S. polyadenium* × *tuberosum*) × (*S. demissum* × *tuberosum*).  
 188657. No. 752/21. (*S. polyadenium* × *tuberosum*) × (*S. demissum* × *tuberosum*).  
 188658. No. 756/13. (*S. tuberosum* × *polyadenium*) × *Aquila* × *Selfed*.  
 188659. No. 756/109. (*S. tuberosum* × *polyadenium*) × *Aquila* × *Selfed*.  
 188660. No. 756/122. (*S. tuberosum* × *polyadenium*) × *Aquila* × *Selfed*.  
 188661. No. 756/157. (*S. tuberosum* × *polyadenium*) × *Aquila* × *Selfed*.  
 188662. No. 763/3. (*S. antipovichii* × *Erika*) × (*Falke* × *Bona*).  
 188663. No. 766/1. (*S. antipovichii* × *Erika*) × (*Falke* × *Aquila*).  
 188664. No. 767/6. (*S. antipovichii* × *Erika*) × (*Falke* × *Aquila*).  
 188665. No. 767/12. (*S. antipovichii* × *Erika*) × (*Falke* × *Aquila*).  
 188666. No. 768/8. (*S. antipovichii* × *Erika*) × (*Pepo* × *Bona*).  
 188667. No. 769/2. (*S. antipovichii* × *Erika*) × (*Pepo* × *Bona*).  
 188668. No. 769/8. (*S. antipovichii* × *Erika*) × (*Pepo* × *Bona*).  
 188669. No. 778/15. (*S. antipovichii* × *Erika*) × (*Solanum* × *tuberosum*).  
 188670. No. 779/3. (*S. antipovichii* × *Erika*) × (*Solanum* × *Bona*).  
 188671. No. 787/1. (*S. antipovichii* × *Solanum*) × (*Edelgard* × *tuberosum*).  
 188672. No. 787/6. (*S. antipovichii* × *Solanum*) × (*Solanum* × *Erika*).  
 188673. No. 795/2. (*S. demissum* × *verrucosum*) × (*Fram* × *Carnea*).

## 188674. GLYCINE JAVANICA L. Fabaceae.

From Union of South Africa. Seeds presented by L. E. Codd, Pretoria, Transvaal. Received Apr. 13, 1950.

## 188675 and 188676. TRIFOLIUM PRATENSE L. Fabaceae.

Red clover.

From Denmark. Seeds presented by the Landboforeninger Foforsyning, Roskilde. Received Apr. 13, 1950.

188675. *Bl. 503.*

188676. *Bl. 504.*

188677 to 188682. *TRIFOLIUM PRATENSE* L. Fabaceae.**Red clover.**

From France. Seeds presented by the Ministry of Agriculture, Paris. Received Apr. 13, 1950.

188677. No. 1. 188680. No. 4.

188678. No. 2. 188681. No. 5.

188679. No. 3. 188682. No. 6.

188683. *PHORMIUM TENAX* Forst. Liliaceae. **New Zealand flax.**

From New Zealand. Seeds presented by the New Zealand Department of Agriculture, Wellington. Received Apr. 13, 1950.

## 188684 to 188691.

From the Philippine Islands. Seeds presented by Simon B. Barbadillo, Bangued, Abra. Received Apr. 13, 1950.

188684. *ABRUS PRECATORIUS* L. Fabaceae. **Rosarypea.**No. 18. *Bugayongs.*188685. *CARICA PAPAYA* L. Papayaceae. **Papaya.**

No. 4.

188686. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**No. 39. *Ilocano.*188687. *PHASEOLUS AUREUS* Roxb. Fabaceae. **Mung bean.**No. 14. *Balatong.*188688. *PSIDIUM GUAJAVA* L. Myrtaceae. **Guava.**

No. 17.

188689 to 188691. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**188689. No. 9. *Otong.* Seeds white.

188690. No. 9a. Seeds black.

188691. No. 9b. Seeds large, black, mottled.

## 188692 to 188705.

From Africa. Seeds collected by J. T. Baldwin, William and Mary College, Williamsburg, Va. Received Apr. 13, 1950.

188692. *BAUHINIA* sp. Fabaceae.

Douala, French Cameroons. Cultivated.

188693 to 188705. From market, Lagos, Nigeria. Jan. 9, 1950.

188693. *BENINCASA HISPIDA* (Thunb.) Cogn. Cucurbitaceae. **Waxgourd.**188694. *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**188695. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**188696 and 188697. *PHASEOLUS LUNATUS* L. Fabaceae. **Lima bean.**

188696. No. 1.

188697. No. 2.

188698. *PISUM SATIVUM* L. Fabaceae. **Pea.**188699 and 188700. *VOANDZEIA SUBTERRANEA* (L.) Thouars. Fabaceae. **Groundnut.**

188699. No. 1.

188700. No. 2.

**188692 to 188705—Continued**188701 to 188705. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.

188701. No. 1. 188704. No. 4.

188702. No. 2. 188705. No. 5.

188703. No. 3.

**188706 to 188707.**

From Germany. Seeds presented by Kenneth G. Beachley, Food and Agriculture Division, Office of Economic Affairs, Frankfurt. Received Apr. 13, 1950.

188706. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.*Giant*. Special variety bred by Dr. Sappok, British Zone. Seeds large, used salted or in pralines.188707. *HORDEUM VULGARE* L. Poaceae. Barley.

Stamm 12. Hulless type.

**188708 to 188722. *NICOTIANA TABACUM* L. Solanaceae. Tobacco.**

From Spain. Seeds presented by Mrs. Kira Archimowitsch, Valladolid. Received Apr. 13, 1950.

188708. *Afritz*. 188716. *Marlland*.188709. *Brajte*. 188717. *Museateler*.188710. *Dubeque*. 188718. *Platana*.188711. *Dubeque de Gitron*. 188719. *Prayr*.188712. *Duluar*. 188720. *Tike-kulake*.188713. *Havane*. 188721. *Trapesuno*.188714. *Herzogowina*. 188722. *Virginia*.188715. *Hongrois*.**188723 to 188728. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.**

From Sweden. Plant material presented by Dr. Fredrik Wilson, Alnarp, Akarp. Received Apr. 13, 1950.

188723. Stock A-2. (Rooted cuttings.)

188724. *Balsgard* 1. (Rooted cuttings.)188725. *Galloway* × *James Grieve* 314/38. Tetraploid. (Scions.)188726. *Ingrid Marie*. (Scions.)188727. *Mere de Menage* × *Gladstone* 260/38. Tetraploid. (Scions.)188728. *Uveredsapple*. (Scions.)**188729 to 188734.**

From the Netherlands. Seeds presented by Barenbrug's Zaadhandel N. V., Arnhem. Received Apr. 14, 1950.

188729. *AGROSTIS CANINA* L. Poaceae. Velvet bent.188730 and 188731. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.

188730. No. 1.

188731. No. 2.

188732 and 188733. *LOLIUM TEMULENTUM* L. Darnel.188732. No. 1. *Werberwold*.188733. No. 2. *Werberwold*.188734. *PHLEUM PRATENSE* L. Poaceae. Timothy.

**188735. SESAMUM INDICUM L. Pedaliaceae. Sesame.**

From Korea. Seeds presented by the United States Economic Cooperation Administration Mission, APO 404, San Francisco, Calif. Received Apr. 14, 1950.

**188736. VOANDEZEIA SUBTERRANEA (L.) Thouars. Fabaceae. Groundnut.**

From Tanganyika. Seeds presented by the Department of Agriculture, Dar-es-Salaam. Received Apr. 17, 1950.

**188737. VITIS VINIFERA L. Vitaceae. European grape.**

From England. Cuttings presented by Clarence Elliott, Rectory Farm, Broadwell Moreton-in-Marsh. Received Apr. 17, 1950.  
*Strawberry.*

**188738. PIPER NIGRUM L. Piperaceae. Black pepper.**

From Indochina. Seeds presented by H. Balencie, Saigon, Cochinchina. Received Apr. 18, 1950.

**188739 and 188740.**

From Puerto Rico. Stolons collected by Edwin James, Regional Plant Introduction Station, Experiment, Ga. Received Apr. 18, 1950.

**188739. CYNODON DACTYLON (L.) Pers. Poaceae. Bermuda grass.**  
Prostrate, turf type. Introduced as *C. var. borinquen*, apparently an unpublished name.

**188740. ZOYSIA sp. Poaceae.**

Shows characteristics of both *Z. japonica* and *Z. matrella*.

**188741. CROCUS LONGIFLORUS Raf. Iridaceae.**

From Malta. Seeds presented by Charles Penza, Botanic Gardens, Floriana. Received Apr. 18, 1950.

**188742 and 188743.**

From the Netherlands. Seeds presented by the Botanic Garden, University of Amsterdam, Amsterdam. Received Apr. 18, 1950.

**188742. CROCUS BIFLORUS Mill. Iridaceae.**

*Weldeni.*

**188743. CROCUS RETICULATUS Bieb.**

*Variegatus.*

**188744 to 188749.**

From Egypt. Seeds presented by the American Embassy, Cairo. Received Apr. 18, 1950.

**188744 to 188748. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

**188744.** *Ism Abo Srah.*

**188747.** *Kizan Ilasal.*

**188745.** *Ism Abo Warda.*

**188748.** *Waraki.*

**188746.** *Katrhakim.*

**188749. CUCUMIS SATIVUS L.**

**Cucumber.**

*Baladi.*

**188750 to 188757. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Germany. Tubers presented by Saatzucht von Kameke, Bostlingen, Post Bockhorn über Walsrode. Received Apr. 18, 1950.

**188750.** *Akabia.*

**188754.** *Sommerkrone.*

**188751.** *Carnea.*

**188755.** *Urtica.*

**188752.** *Centifolia.*

**188756.** *v. K. 37.05.*

**188753.** *Olympia.*

**188757.** *v. K. 604.96.*

**188758 to 188787. DIANTHUS. Caryophyllaceae.**

From England. Plants presented by Chace Gardens, Stakes Road, Purbrook, Portsmouth. Received Apr. 18, 1950.

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|-------------------------------------|---------------------------------------|
| 188758. <i>Afterglow.</i>           | 188773. <i>Fascination (Picotte).</i> |
| 188759. <i>Afton Water.</i>         | 188774. <i>Firefly.</i>               |
| 188760. <i>Ailsa Clove.</i>         | 188775. <i>Inez Blair.</i>            |
| 188761. <i>Autumn Tints.</i>        | 188776. <i>Lavender Girl.</i>         |
| 188762. <i>Black Douglas Clove.</i> | 188777. <i>Leslie Rennison.</i>       |
| 188763. <i>Bookham Star.</i>        | 188778. <i>Little Douglas.</i>        |
| 188764. <i>Bookham Gem.</i>         | 188779. <i>Mary Livingstone.</i>      |
| 188765. <i>Cameronian.</i>          | 188780. <i>Mrs. A. T. Keble.</i>      |
| 188766. <i>Cherub.</i>              | 188781. <i>Mrs. J. J. Keen.</i>       |
| 188767. <i>Contess Lansdale.</i>    | 188782. <i>My Fancy.</i>              |
| 188768. <i>Dot Clark.</i>           | 188783. <i>Norman Hayward.</i>        |
| 188769. <i>Ebony Clove.</i>         | 188784. <i>R. J. Day.</i>             |
| 188770. <i>Edenside Glory.</i>      | 188785. <i>Rose Frills.</i>           |
| 188771. <i>E. M. Wilkinson.</i>     | 188786. <i>Unique.</i>                |
| 188772. <i>Fascination.</i>         | 188787. <i>Veldtfire.</i>             |

**188788 to 188793. VITIS VINIFERA L. Vitaceae.****European grape.**

From India. Cuttings presented by S. R. Gandhi, College of Agriculture, Poona. Received Apr. 19, 1950.

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|------------------------------|---------------------------|
| 188788. <i>Bhokari.</i>      | 188791. <i>Khandhari.</i> |
| 188789. <i>Fakdi.</i>        | 188792. <i>Pandhari.</i>  |
| 188790. <i>Kali-Sahaebi.</i> | 188793. Selection 94.     |

**188794. LUPINUS LUTEUS L. Fabaceae.****European yellow lupine.**

From Spain. Seeds presented by H. Leon Jordan, Villamanta, Madrid. Received Apr. 19, 1950.

**188795 to 188798. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**

From Sweden. Seeds presented by W. Weibull A. B., Landskrona. Received Apr. 19, 1950.

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|----------------------------------|-------------------------------|
| 188795. <i>Chartainvilliers.</i> | 188797. <i>Ile-de-France.</i> |
| 188796. <i>Du Puits.</i>         | 188798. <i>W. 268.</i>        |

**188799 to 188816.**

From the Philippine Islands. Seeds presented by Simon B. Barbadillo, Bangued, Abra. Received Apr. 19, 1950.

- |   |                     |
|---|---------------------|
| 188799. ANTIDESMA BUNIUS (L.) Spreng. Euphorbiaceae.                | <b>Banauac.</b>     |
| No. 25. <i>Bugnay.</i> Berries edible.                              |                     |
| 188800. ARACHIS HYPOGAEA L. Fabaceae.                               | <b>Peanut.</b>      |
| No. 33. <i>Mani.</i> Ilocana type.                                  |                     |
| 188801. BIXA ORELLANA L. Bixaceae.                                  | <b>Anatto-tree.</b> |
| No. 13. <i>Achuete.</i> Used as a dye.                              |                     |
| 188802. CAESALPINIA PULCHERRIMA (L.) Swartz. Fabaceae.              | <b>Flowerfence.</b> |
| No. 30. <i>Caballero.</i> Ornamental trees with attractive flowers. |                     |

## 188799 to 188816—Continued

- 188803 and 188804. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**  
 188803. No. 19. *Sili-a-atop*. Wild, hot type.  
 188804. No. 36. *Sili*.  
 188805. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**  
 No. 40. Long fruits.  
 188806. *CORCHORUS OLITORIUS* L. Tiliaceae. **Jute.**  
 No. 42. *Saluyat*.  
 188807. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**  
 No. 45. *Pepino*.  
 188808. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**  
 No. 16. *Carabaza*.  
 188809. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. **Calabash gourd.**  
 No. 24. *Tabungao*.  
 188810. *LEUCAENA GLAUCA* (L.) Benth. Fabaceae.  
 No. 44. *Ipil-ipil*.  
 188811. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae. **Singkwa towelgourd.**  
 No. 21. *Cabatiti*.  
 188812. *MIRABILIS JALAPA* L. Nyctaginaceae. **Four-o'clock.**  
 No. 46. *Maravilla*.  
 188813. *MOMORDICA CHARANTIA* L. Cucurbitaceae. **Balsam-pear.**  
 No. 3. *Par-ria*.  
 188814. *MORINGA OLEIFERA* Lam. Moringaceae. **Horseradish-tree.**  
 No. 41.  
 188815. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
 No. 43. *Lingnga*.  
 188816. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**  
 No. 15. *Tarung*.

## 188817 to 188827. CITRUS. Rutaceae.

From Italy. Seeds presented by Dr. G. W. Adriance, Rome. Received Apr. 19, 1950.

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|--------------------------------------|--|
| 188817. <i>Biondo Semi</i> No. 2.    | 188823. <i>Sanguigno Semi</i> No. 6.   |
| 188818. <i>Biondo Semi</i> No. 5.    | 188824. <i>Sanguinello Semi</i> No. 1. |
| 188819. <i>Biondo Semi</i> No. 7.    | 188825. <i>Sanguinello Semi</i> No. 2. |
| 188820. <i>Biondo Semi</i> No. 25.   | 188826. <i>Sanguinello Semi</i> No. 3. |
| 188821. <i>Biondo Semi</i> No. 26.   | 188827. <i>Tarocco Semi</i> No. 1.     |
| 188822. <i>Sanguigno Semi</i> No. 5. |  |

188828. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From the Union of South Africa. Seeds presented by the Agricultural Attaché, South African Legation, Washington, D. C. Received Apr. 19, 1950.

*Gerdigatham Bunch.*

**188829. GLADIOLUS. Iridaceae.**

From the Netherlands. Corms presented by Anthony Van der Schoot, Hillegom. Received Apr. 19, 1950.

*Van Tienhoven.*

**188830. ALBIZZIA MALOCOCARPA Standl. Fabaceae.**

From Colombia. Seeds presented by the American Embassy, Bogotá. Received Apr. 20, 1950.

**188831. HORDEUM VULGARE L. Poaceae.****Barley.**

From Sweden. Seeds presented by the General Swedish Seed Company, Ltd., Svalof. Received Apr. 20, 1950.

*Edda II.*

**188832 to 188864.**

From Spain. Seeds presented by K. Archmowitsch, Valladolid. Received Apr. 20, 1950.

**188832 to 188834. CITRULLUS VULGARIS Schrad. Cucurbitaceae.****Watermelon.**

188832. *Beau.*

188833. Private variety.

188834. *Vainqueur du Crime.*

**188835 to 188847. CUCUMIS MELO L. Cucurbitaceae.****Muskmelon.**

188835. *Aromatique.*

188842. *Doulowka.*

188836. *Birutschikoutte 689.*

188843. *Local selection.*

188837. *Broiufowka.*

188844. *Prescotte. (Improved)*

188838. *Chandaljak.*

188845. *Tourcestar.*

188839. *Colchosnifa.*

188846. Private selection.

188840. *Crimee. (Improved)*

188847. Variety No. 3.

188841. *Crimee. (Black)*

**188848. CUCUMIS SATIVUS L.****Cucumber.**

*Concombre de Niejin.*

**188849 to 188851. CUCURBITA PEPO L. Cucurbitaceae.****Pumpkin.**

188849. *De Lasaiewka 18.*

188850. *Metis.*

188851. Not named.

**188852 to 188864. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

188852. *Americaine Rose.*

188859. *Lillipoute 193.*

188853. *Champion.*

188860. *Moral.*

188854. *Bireichihoutte.*

188861. *Nossowsky 51.*

188855. *Hanz Volz W. 52.*

188862. *Peche Jaune.*

188856. *Koulan.*

188863. *Peche Rose.*

188857. *La Reine de Precoces.*

188864. *Stanisorte 31.*

188858. *Le Roi Houmbert.*

**188865 and 188866.**

From Finland. Seeds presented by the Laidunyhdistys Simonk, Helsinki. Received Apr. 20, 1950.

**188865. DACTYLIS GLOMERATA L. Poaceae.****Orchard grass.****188866. FESTUCA ELATIOR L. Poaceae.****Meadow fescue.**

**188867. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Italy. Seeds presented by Prof. Vincenzo Vesocchi, Florence. Received Apr. 12, 1950.

**188868. MEDICAGO SATIVA L. Fabaceae. Alfalfa.**

From Canada. Seeds presented by the University of British Columbia, Vancouver, B. C. Received Apr. 21, 1950.

*Rhizoma* F. 1617.

**188869 to 188871. VERATRUM VIRIDE Ait. Liliaceae.**

From New Jersey. Seeds presented by Merck & Co., Rahway. Received Apr. 21, 1950.

188869. 9R8023.

188870. 9R6891.

188871. 9R7057.

**188872. RUBUS. Rosaceae. Blackberry.**

From Canada. Plants presented by Bion T. Forse, Simcoe, Ontario. Received Apr. 24, 1950.

*Redlick.*

**188873 to 188898.**

From Guatemala and Honduras. Collected by A. T. Semple, Food and Agriculture Organization of the United Nations, Washington, D. C. Received Apr. 24, 1950.

From Honduras unless otherwise indicated.

188873. CANNA sp. Cannaceae.

No. 202. Guatemala.

188874 to 188878. CASSIA sp. Fabaceae.

188874. No. 197. Guatemala.

188877. No. 255.

188875. No. 198. Guatemala.

188878. No. 256.

188876. No. 235.

188879 and 188880. CENTROSEMA sp. Fabaceae.

188879. No. 200. Guatemala.

188880. No. 260.

188881. CROTALARIA sp. Fabaceae.

No. 234. Guatemala.

188882. DESMODIUM sp. Fabaceae.

No. 257.

188883. GALACTIA sp. Fabaceae.

No. 208.

188884. INDIGOFERA MUCRONATA Spreng. Fabaceae.

No. 210.

188885. INDIGOFERA sp.

No. 240.

188886. INDIGOFERA sp.

No. 261.

188887. INGA sp. Fabaceae.

No. 262.



## 188873 to 188898—Continued

188888. *CENCHRUS PILOSUS* H. B. K. Poaceae.

No. 196. Guatemala.

188889 and 188890. *PHASEOLUS CARACALLA* L. Fabaceae.

Snail bean.

188889. No. 198A. Guatemala.

188890. No. 259.

188891. *PHASEOLUS* sp.

No. 232.

188892 to 188895. *RHYNCHOSIA* spp. Fabaceae.

188892. No. 201. Guatemala.

188894. No. 231.

188893. No. 225.

188895. No. 236.

188896 and 188897. *TEPHROSIA* sp. Fabaceae.

188896. No. 193. Guatemala.

188897. No. 205.

188898. *PHASEOLUS SPECIOSUS* H. B. K. Fabaceae.

No. 213.

## 188899 to 188906.

From Sweden. Seeds presented by the Sveriges Utsädesförenings, Svalöf.  
Received Apr. 24, 1950.

188899. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

188900. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

188901. *FESTUCA RUBRA* L.

Red fescue.

*Viking.*188902. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

*Omnia.*188903. *POA PRATENSIS* L. Poaceae.

Kentucky bluegrass.

*Skandia II.*188904. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

*Svea.*188905. *TRIFOLIUM PRATENSE* L.

Red clover.

*Merkur.*188906. *TRIFOLIUM REPENS* L.

White clover.

*Hero.*188907. *PHORMIUM TENAX* Forst. Liliaceae. New Zealand flax.

From Argentina. Seeds presented by Enrique C. Clos, Buenos Aires. Re-  
ceived Apr. 19, 1950.

*Formio.*

188908 and 188909. *PRUNUS PERSICA* (L.) Batsch.  
Amygdalaceae.

Peach.

From Canada. Trees presented by the Vineland Station, Ontario. Received  
Apr. 20, 1950.

188908. *Earlyvee.*

188909. No. 370224.

**188910 to 188921. SANSEVIERIA spp. Liliaceae.**

From Pennsylvania. Plants presented by Botanical Laboratory, University of Pennsylvania, Philadelphia. Received Apr. 19, 1950.

188910. *SANSEVIERIA ARBORESCENS* Cornu.

188911. *SANSEVIERIA CYLINDRICA* Bojer.

188912. *SANSEVIERIA GRANDIS* Hook. f.

188913. *SANSEVIERIA TRIFASCIATA* var. *LAURENTII* (De Wildem.) N. E. Br.

188914. *SANSEVIERIA PUMILA* Haw.

188915. *SANSEVIERIA ROXBURGIANA* Schult.

188916. *SANSEVIERIA SUFFRUTICOSA* N. E. Br.

188917 to 188919. *SANSEVIERIA TRIFASCIATA* Prain.

188917. Typical form.

188918. Received as *S. trifasciata* var. *argentea*. An apparently unpublished name.

188919. Received as *S. trifasciata* var. *aurea*. An apparently unpublished name.

188920. *SANSEVIERIA SUBSPICATA* Baker.

188921. *SANSEVIERIA* sp.

**188922 to 188937.**

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received Apr. 25, 1950.

188922. *ACACIA* sp. Fabaceae.

No. 15.

188923. *ARISTIDA* sp. Poaceae.

No. 10.

188924. *ASPALATHUS* sp. Fabaceae.

No. 12.

188925. *BRACHIARIA NIGROPEDATA* (Munro) Stapf. Poaceae.

No. 1.

188926. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

Palwan.

No. 2.

188927. *ERAGROSTIS CAPENSIS* (Thunb.) Trin. Poaceae.

No. 5.

188928. *ERAGROSTIS CURVULA* (Schrud.) Nees.

No. 13.

188929. *ERAGROSTIS* sp.

188930. *GREWIA CANA* Sond. Tiliaceae.

No. 16.

188931 and 188932. *PANICUM COLORATUM* L. Poaceae.

188931. No. 3.

188932. No. 4.

188933. *PLAGIOCHLOA OBLITERA* (Hemsl.) Sprague. Poaceae.

No. 11.

## 188922 to 188937—Continued

188934 to 188936. SPOROBOLUS spp. Poaceae.

188934. No. 7.

188935. No. 8.

188936. No. 9.

188937. TETRAGONIA ARBUSCULA Fenzl. Aizoaceae.

No. 14.

## 188938 to 188971.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa.  
Received Apr. 25, 1950.188938. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae.  
Crested wheatgrass.

S1350.

188939. AGROSTIS ALBA L. Poaceae. Redtop.

Reton.

188940 to 188942. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.

188940. Avon.

188941. Hercules.

188942. Oron.

188943. ELYMUS JUNCEUS Fisch. Poaceae.

S114.

188944 to 188946. FESTUCA ELATIOR L. Poaceae. Meadow fescue.

188944. Mefon.

188945. Sturdy.

188946. Ensign.

188947 to 188949. FESTUCA RUBRA L. Red fescue.

188947. Duraturf.

188948. Olds.

188949. Refon.

188950 to 188953. MEDICAGO SATIVA var. VARIA (Mart.) Urban. Fabaceae.

188950. Cananto.

188952. Saskatchewan 451.

188951. Viking.

188953. Saskatchewan 661.

188954. MEDICAGO SATIVA L. Alfalfa.

Ferax.

188955 and 188956. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.

188955. Brandon Dwarf.

188956. Melana.

188957. MELILOTUS OFFICINALIS (L.) Lam. Yellow sweetclover.

Erector.

188958 to 188963. PHLEUM PRATENSE L. Poaceae. Timothy.

188958. Boon.

188961. Medon.

188959. Drummond.

188962. Milton.

188960. Dural.

188963. Swallow.

## 188938 to 188971—Continued

- 188964 and 188965. *POA COMPRESSA* L. Poaceae. Canada bluegrass.  
 188964. *Canon*.  
 188965. *Chieftain*.  
 188966 and 188967. *POA PRATENSIS* L. Kentucky bluegrass.  
 188966. *Delta*.  
 188967. *Kenon*.  
 188968. *SETARIA ITALICA* (L.) BEAUV. Poaceae. Foxtail millet.  
*Empire*.  
 188969. *TRIFOLIUM HYBRIDUM* L. Fabaceae. Alsike clover.  
*Alon*.  
 188970 and 188971. *TRIFOLIUM REPENS* L. White clover.  
 188970. *Duron*.  
 188971. *Pathfinder*.

188972. *GOSSYPIMUM*. Malvaceae. Cotton.

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Apr. 26, 1950.

Originally obtained from Martin Xutumul, Rabinal, Baja Verapaz.

188973. *CHENOPODIUM QUINOA* Willd. Chenopodiaceae. Quinoa.

From Ecuador. Seeds presented by Lee Hines, c/o American Embassy, Quito. Received Apr. 26, 1950.

188974 to 188993. *MALUS*. Malaceae.

From England. Rootstocks presented by the East Malling Research Station, East Malling, Kent. Received Apr. 26, 1950.

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|------------------------------------|------------------------------------|
| 188974. <i>Dwarfing 3424</i> .     | 188984. <i>Intermediate 3423</i> . |
| 188975. <i>Dwarfing 341</i> .      | 188985. <i>Intermediate 3428</i> . |
| 188976. <i>Dwarfing 3413</i> .     | 188986. <i>Vigorous 3430</i> .     |
| 188977. <i>Dwarfing 3419</i> .     | 188987. <i>Vigorous 3432</i> .     |
| 188978. <i>Dwarfing 3431</i> .     | 188988. <i>Vigorous 3438</i> .     |
| 188979. <i>Dwarfing 3426</i> .     | 188989. <i>Vigorous 3414</i> .     |
| 188980. <i>Intermediate 3436</i> . | 188990. <i>Vigorous 3437</i> .     |
| 188981. <i>Intermediate 3421</i> . | 188991. <i>Vigorous 3435</i> .     |
| 188982. <i>Intermediate 3422</i> . | 188992. <i>Harvest</i> .           |
| 188983. <i>Intermediate 3420</i> . | 188993. <i>October Pippin</i> .    |

## 188994 and 188995.

From Japan. Seeds presented by the Acclimatization Garden, Tonosho-Kyoku, Kagawa. Received Apr. 27, 1950.

188994. *FORSYTHIA JAPONICA* Makino. Aleaceae.  
 188995. *RHODODENDRON JAPONICUM* (Gray) Schneid. Ericaceae.

## 188996 and 188997.

From Union of South Africa. Seeds presented by L. C. C. Liebenberg, Union of South Africa Department of Agriculture, Pretoria, Transvaal. Received Apr. 27, 1950.

## 188996 and 188997—Continued

188996. *BOSCIA ALBITRUNCA* Gilg & Benedict. Capparidaceae.188997. *OSTEOSPERMUM HISPIDUM* Harv. Asteraceae.

## 188998 to 189005.

From Gold Coast Africa. Seeds collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received Apr. 27, 1950.

188998 to 189000. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.

188998. Local type from Tamale.

188999. *Zuarungu*.189000. *Kusasi*.189001. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
*Geocarpa*.189002 to 189004. *SORGHUM VULGARE* Pers. Poaceae.189002. *Bisimchefo*. Guinea corn. From Zuarungu.

189003. From Tamale Experiment Station. Sweet type.

189004. *A-107*. From Atebubu Experiment Station. Sweet type.189005. *VOANDZEIA SUBTERRANEA* (L.) Thouars. Fabaceae. Groundnut.  
*Bambarra*.189006. *MUSA TEXTILIS* Née. Musaceae. Abacá.

From Honduras. Seeds presented by J. H. Permar, Tela. Received Apr. 28, 1950.

189007. *ARACHIS GLABRATA* var. *HAGENBECKII* Hoehne.  
Fabaceae.

From Brazil. Plants growing at the Georgia Agricultural Experiment Station, Experiment, Ga. Numbered Apr. 28, 1850.

Seeds originally from Campinas, São Paulo.

189008. *CERATONIA SILIQUA* L. Fabaceae. Carob.

From Cypress. Scions presented by H. Hirst, Nicosia. Received Apr. 28, 1950.

## 189009 to 189025.

From Guatemala. Seeds collected by Robert Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Apr. 28, 1950.

189009. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae. Jackbean.  
Chajzunil, Station Eulalia, Huehuetenango. Altitude 3,500 to 4,500 feet.189010. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
*Ixtapacal*. Rabinal, Baja Verapaz. Altitude 3,200 to 3,500 feet. Seeds black.189011 to 189023. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

189011 to 189016. From Jacaltenango, Huehuetenango. Altitude 2,500 to 4,700 feet.

189011. *Omon* (bush). 189014. *O'ex tsinap'ul* (pole).189012. *Tsib tsinap'ul* (pole). 189015. *Kax omon o'Colorado* (bush).189013. *Kax tela* (pole). 189016. *Kax tsin ubul*.

**189009 to 189025—Continued**

189017 and 189018. From Martin Xutumul, Rabinal, Baja Verapaz.

189017. Seed white.

189018. Seed black.

189019 to 189023. From Jacaltenango, Huehuetenango.

189019. *Otz K'al tsaik* (bush).

189020. *Sanmiguelito*.

189021. *Saq hup'al* (white bush).

189022. *Nimex jat' Chamborote* (pole).

189023. *Pa xai* (pole).

189024 and 189025. ZEA MAYS L. Poaceae.

Corn.

Selections, originally from San Pedro Soloma, Huehuetenango.

189024. Seeds yellow.

189025. Seeds red.

189026. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.

From Florida. Seeds presented by the estate of Col. R. H. Montgomery, Coconut Grove. Received Apr. 28, 1950.

189027. TRIFOLIUM SUBTERRANEUM L. Fabaceae.

Subterranean clover.

From Australia. Seeds presented by the Department of Agriculture, Canberra, New South Wales. Received Apr. 28, 1950.

189028 and 189029.

From Puerto Rico. Seeds collected at the Río Piedras Experiment Station by Edwin James, Agricultural Experiment Station, Experiment, Ga. Received May 1, 1950.

189028. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae.

Broccoli.

Portuguese.

189029. BRASSICA OLERACEA var. CAPITATA L.

Cabbage.

Tropical type, originally from Piracicaba, São Paulo, Brazil.

189030. CYDONIA OBLONGA Mill. Malaceae.

Quince.

From Iran. Seeds presented by Mr. Mazanraran through Schenker & Schenker, New York, N. Y. Received May 1, 1950.

189031 to 189108.

From Africa. Seeds collected by J. T. Baldwin, Jr., William & Mary College, Williamsburg, Va. Received May 1, 1950.

189031 and 189032. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae.

Okra.

From vicinity of Bertona, French Cameroons. Dec. 24, 1949.

189031. No. 1.

189032. No. 2.

189033. AFRAMOMUM sp. Zingiberaceae.

Yola, Nigeria. Dec. 27, 1949.

189034. HYPARRHENIA BRACTEATA (Humb. & Bonpl.) Stapf. Poaceae.

No. 13858. From Bamenda, British Cameroons. Dec. 8, 1949.

## 189031 to 189108—Continued

189035. *DIGITARIA UNIGLUMUS* var. *MAJOR* Stapf. Poaceae.  
No. 13942. Bertona, French Cameroons. Dec. 24, 1949.
189036. *PENNISETUM UNISSETUM* (Nees) Schum. Poaceae.  
No. 13946. Bertona, French Cameroons. Dec. 24, 1949.
189037. *CAESALPINIA SEPIARIA* Roxb. Fabaceae. Mysore thorn.  
French side of French-British Cameroons border. Dec. 9, 1949. Attractive, cultivated shrub.
189038. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.  
Bertona, French Cameroons. Dec. 24, 1949.
189039. *CASSIA LAEVIGATA* Willd. Fabaceae. Smooth senna.  
Jardin Gillet, Kisantu, Belgian Congo. Feb. 17, 1950. Small, cultivated tree.
189040. *CASSIA HIRSUTA* L.  
No. 13866. N'Kongsamba, French Cameroons. Dec. 10, 1949.
189041. *CASSIA* sp.  
Onitsha, Nigeria. Nov. 14, 1949.
189042. *CORCHORUS CAPSULARIS* L. Tiliaceae. Jute.  
Thirty miles north of Douala, French Cameroons. Dec. 11, 1949.
189043. *CROTALARIA JUNCEA* L. Fabaceae. Sunn-hemp.  
Yola, Nigeria. Dec. 28, 1949.
189044. *CROTALARIA RETUSA* L.  
Onitsha, Nigeria. Nov. 14, 1949.
189045. *CROTALARIA MUCRONATA* Desv.  
No. 13714. Agege, Nigeria. Nov. 5, 1949. Semiwoody plant up to 8 feet high; flowers brownish-red.
189046. *CROTALARIA* sp.  
No. 13846. French Cameroons.
189047. *CROTALARIA* sp.  
No. 13882. N'Kongsamba, French Cameroons. Dec. 10, 1949.
189048. *CROTALARIA* sp.  
No. 13960. N'Kongsamba.
189049. *CROTALARIA* sp.  
No. 13984. N'Kongsamba.
189050. *CROTALARIA* sp.  
Lolodorf, French Cameroons. Dec., 1949.
189051. *CROTALARIA* sp.  
Leopoldville, Belgian Congo. Feb. 12, 1950.
189052. *CROTALARIA* sp.  
Bertona, French Cameroons. Dec. 25, 1949.
189053. *CROTALARIA* sp.  
Lolodorf, French Cameroons.
189054. *CROTALARIA* sp.  
Onitsha, Nigeria. Nov. 14, 1929.

## 189031 to 189108—Continued

189055. *CROTALARIA* sp.

Yaoundé, French Cameroons.

189056. *CROTALARIA MUCRONATA* Desv.

Leopoldville, Belgian Congo.

189057. *DESMODIUM* sp. Fabaceae.

Onitsha, Nigeria. Nov. 14, 1949.

189058. *DIOSCOREA* sp. Dioscoreaceae.

Lolodorf, French Cameroons. Dec. 1949.

189059. *ERAGROSTIS ASPERA* Nees. Poaceae.

No. 13949. Bertona, French Cameroons. Dec. 24, 1949.

189060. *ERAGROSTIS SQUAMATA* (L.) Steud.

No. 14009. Lagos, Nigeria. Jan. 8, 1950.

189061. *FLAGELLARIA GUINEENSIS* Schumacher. Flagellariaceae.

No. 14029. (No data.)

189062. *GOSSYPIUM*. Malvaceae.

Cotton.

Bertona, French Cameroons.

189063. *HARPULLIA CUPANIODES* Roxb. Sapindaceae.

Jardin Gillet, Kisantu, Belgian Congo. Cultivated plant, up to 30 feet high.

189064. *HIBISCUS* sp. Malvaceae.

Bertona, French Cameroons.

189065. *INDIGOFERA* sp. Fabaceae.

No. 13792. Awgu, Nigeria. Nov. 24, 1949. Plant 8 feet high.

189066. *INDIGOFERA* sp.

No. 13856. Fifteen miles north of Bamenda, British Cameroons. Dec. 8, 1949.

189067. *INDIGOFERA* sp.

Awka, Nigeria. Nov. 15, 1949.

189068. *IPOMOEA* sp. Convolvulaceae.

Onitsha, Nigeria. Nov. 14, 1949.

189069. *IPOMOEA* sp.

Bertona, French Cameroons. Dec. 24, 1949.

189070 to 189074. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

189070. Leopoldville, Belgian Congo. Feb. 18, 1950.

189071. Forty miles north of Douala, French Cameroons. Dec. 11, 1949.

189072. Twenty miles north of Bamenda, British Cameroons. Dec. 8, 1949.

189073. Nial Village, Nigeria.

189074. Bertona, French Cameroons.

189075 to 189077. *PHASEOLUS VULGARIS* L.

Common bean.

189075. Muengue, French Cameroons. Dec. 20, 1949.

189076. Thirty miles north of Douala, French Cameroons.

189077. Twenty miles north of Bamenda, British Cameroons. Dec. 8, 1949.



## 189031 to 189108—Continued

189078. *PISUM SATIVUM* L. Fabaceae. Pea.  
Bertona, French Cameroons. Dec. 24, 1949.
189079. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae. Tropical kudzu.  
No. 13865. N'Kongsamba, French Cameroons. Dec. 10, 1949.
189080. *RHYNCHOSIA* sp. Fabaceae.  
No. 13866a. N'Kongsamba.
- 189081 and 189082. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
Bertona, French Cameroons. Dec. 23, 1949.
189081. No. 1.
189082. No. 2.
189083. *SESAMUM RADIATUM* Schum.  
Diche, British Cameroons. Dec. 7, 1949.
189084. *STIZOLOBIUM* sp. Fabaceae.  
Agricultural Farm, Abakaliki, Nigeria.
189085. *TEPHROSIA* sp. Fabaceae.  
No. 13804. Abakaliki, Nigeria. Dec. 3, 1949.
189086. *TEPHROSIA* sp.  
No. 13855. Fifteen miles north of Bamenda, British Cameroons. Dec. 8, 1949. Plants up to 10 feet high.
189087. *TEPHROSIA* sp.  
No. 13869. N'Kongsamba, Nigeria. Dec. 10, 1949.
189088. *TEPHROSIA* sp.  
Onitsha, Nigeria. Nov. 14, 1949.
189089. *TEPHROSIA* sp.  
Onitsha.
189090. *TEPHROSIA* sp.  
Leopoldville, Belgian Congo. Feb. 12, 1950. Wild plant.
189091. *TEPHROSIA* sp.  
(No data.)
189092. *TEPHROSIA* sp.  
Bertona, French Cameroons. Dec. 24, 1949.
189093. *TEPHROSIA* sp.  
Bertona.
189094. *TEPHROSIA* sp.  
Bertona.
189095. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang  
Onitsha, Nigeria. Nov. 14, 1949.
- 189096 to 189100. *VIGNA SINENSIS* (Torner) Savi. Cowpea.  
189096. No. 14042. Montserrado County near Roberts Field, Liberia.  
Jan. 24, 1950.
189097. Bansara, Nigeria. Dec. 3, 1949.
189098. Nfuma, Nigeria.

## 189031 to 189108—Continued

189099. Ossing, British Cameroons. Dec. 6, 1949.

189100. Bertona, French Cameroons. Dec. 25, 1949.

189101. VIGNA sp.

Onitsha, Nigeria. Nov. 14, 1949.

189102. VIGNA sp.

Bertona, French Cameroons.

189103. VIGNA sp.

Aba, Nigeria.

189104. VIGNA sp.

Leopoldville, Belgian Congo. Feb. 12, 1950. Wild plant.

189105 to 189108. VOANDZEIA SUBTERRANEA (L.) Thouars. Fabaceae.  
Groundnut.

189105. Nlal Village, Nigeria.

189106. Nlal Village, Nigeria.

189107. Abakaliki, Nigeria. Dec. 3, 1949.

189108. Market place in Kumasi, Nigeria.

## 189109 to 189111.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received May 2, 1950.

189109. MEDICAGO ORBICULARIS (L.) All. Fabaceae. Buttonclover.

189110. MEDICAGO SCUTELLATA (L.) Mill. Snail medic.

189111. MEDICAGO sp.

189112. CROCUS CLUSII J. Gay. Iridaceae.

From Portugal. Seed presented by the Estação Agronómica Nacional, Sacavém. Received May 4, 1950.

189113. LOTUS ULIGINOSUS Schkuhr. Poaceae. Big trefoil.

From New Zealand. Seeds presented by J. Montgomery and Company Ltd., Christchurch. Received May 4, 1950.

189114. SORGHUM sp. Poaceae.

From Nigeria. Seeds presented by T. A. Russell, Botanist, Agricultural Department, Ibadan. Received May 4, 1950.

189115 to 189124. SANSEVIERIA spp. Liliaceae.

From Missouri. Plants presented by Missouri Botanical Garden, St. Louis. Received May 4, 1950.

189115. SANSEVIERIA AETHIOPICA Thunb.

189116. SANSEVIERIA CYLINDRICA Bojer.

189117 and 189118. SANSEVIERIA LONGIFLORA Sims.

189117. No. 1.

189118. No. 2.

189119. SANSEVIERIA METALLICA Ger. & Labr.

189120. SANSEVIERIA PARVA N. E. Br.

189121. SANSEVIERIA SUBSPICATA Baker.

189122. SANSEVIERIA THYRSIFLORA Thunb.

## 189115 to 189124—Continued

189123. SANSEVIERIA sp.

*Bantel's Sensation.*

189124. SANSEVIERIA sp.

189125. FESTUCA RUBRA L. Poaceae.

Red fescue.

From England. Seeds from Salisbury, obtained through the British Embassy, Washington, D. C.

189126. CERATONIA SILIQUA L. Fabaceae.

Carob.

From Greece. Scions presented by Dimitrios Gianakopoulos, Sykea, Laconia. Received May 8, 1950.

189127. HIBISCUS CANNABINUS L. Malvaceae.

Kenaf.

From Cuba. Seeds collected by J. E. Walker, American Embassy, Havana. Received May 9, 1950.

189128. MEDICAGO LUPULINA L. Fabaceae.

Black medic.

From Denmark. Seeds presented by C. A. Krogsriis, Copenhagen. Received May 9, 1950.

*Humle-Sneglebaelg.* Roskilde.

189129 to 189131. SANSEVIERIA spp. Liliceae.

From Illinois. Plants presented by the Garfield Park Conservatory, Chicago. Received May 9, 1950.

189129. SANSEVIERIA GRACILIS N. E. Br.

189130. SANSEVIERIA sp.

Received as *S. hahnii*, an apparently unpublished name.

189131. SANSEVIERIA TRIFASCIATA var. LAURENTII (De Wildem.) N. E. Br.

## 189132 to 189137.

From the French Cameroons. Seeds presented by F. M. Grissett, Lolodorf. Received May 10, 1950.

189132. (Undetermined.)

189133. FUNTUMIA sp. Apocynaceae.

No. 1.

189134. FUNTUMIA sp.

No. 5.

189135. STROPHANTHUS GRATUS (Wall. &amp; Hook.) Baill. Apocynaceae.

No. 2.

189136. STROPHANTHUS HISPIDUS DC.

No. 4.

189137. STROPHANTHUS SARMENTOSUS DC.

No. 3.

189138. TRIFOLIUM PANNONICUM Jacq. Fabaceae.

From Italy. Seeds presented by the University of Torino, Torino. Received May 11, 1950.

189139. CRAMBE ABYSSINICA R. E. Fries. Brassicaceae.

From Connecticut. Seeds presented by H. L. Everett, Storrs Agricultural Experiment Station, Storrs. Received May 11, 1950.

**189140. STROPHANTHUS sp. Apocynaceae.**

From New York. Seeds presented by the New York Botanical Gardens, Bronx Park. Received May 11, 1950.

*J. G. 7200.*

**189141 to 189190.**

From the Netherlands. Seeds presented by J. Tolner, Vries. Received May 11, 1950.

189141. *AGROSTIS CANINA* L. Poaceae. **Velvet bent.**

*Novobent.* N. V. H. Mommersteeg's, Vlijmen. Lawn-selected strain.

189142. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

N. H. V. Mommersteeg's, Vlijmen.

189143 to 189145. *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**

189143. Zwaan & De Wiljes', Scheemda. Hay type.

189144. N. H. V. Mommersteeg's, Vlijmen. Hay type.

189145. N. H. V. Mommersteeg's, Vlijmen. Permanent pasture type  
*M. S. G.*

189146. *FESTUCA OVINA* L. **Sheep fescue.**

*Novins.* N. H. V. Mommersteeg's, Vlijmen. Lawn-selected strain, fine-leaved. Received as *F. ovina* var. *tenuifolia*, an apparently unpublished name.

189147 to 189149. *FESTUCA RUBRA* L. **Red fescue.**

189147. *Golfrood.* D. J. Van Der Have, Kapelle-Biezelinge.

189148. *Novorubra.* N. H. V. Mommersteeg's, Vlijmen. Selected strain.

189149. Zwaan & De Wiljes', Scheemda.

189150 to 189152. *LOLIUM MULTIFLORUM* Lam. Poaceae. **Italian ryegrass.**

189150. Zwaan & De Wiljes', Scheemda.

189151. Introduced as *L. multiflorum* var. *westerwoldicum*, an apparently unpublished name. Zwaan & De Wiljes', Scheemda.

189152. Introduced as *L. multiflorum* var. *westerwoldicum*, an apparently unpublished name.

*Landras.* N. V. J. J. Robertus', Winschoten.

189153 to 189157. *LOLIUM PERENNE* L. **Perennial ryegrass.**

189153. Zwaan & De Wiljes', Scheemda. Sceempter hay strain.

189154. Zwaan & De Wiljes', Scheemda. Sceempter pasture type.

189155. D. J. Van Der Have, Kapelle-Biezelinge. Meadow type.

189156. N. H. V. Mommersteeg's, Vlijmen. Permanent pasture type.  
Late flowering.

189157. N. H. V. Mommersteeg's, Vlijmen. Hay-pasture type. Medium-late flowering.

189158. *LUPINUS ALBUS* L. Fabaceae. **White lupine.**

G. Geertsema, Binner Damsterdiep, Groningen. Sweet strain, used in Germany for forage.

189159 to 189162. *LUPINUS LUTEUS* L. **European yellow lupine.**

189159. *Weiko II.* N. V. J. J. Robertus', Winschoten. Sweet strain.

189160. Selectiebedrijf Luidenburg, Groningen. Danish sweet strain.

189161. G. H. Fossen, Roggel 281. Sweet strain.

## 189141 to 189190—Continued

189162. N. V. J. J. Robertus', Winschoten. Dutch bitter strain used for green manure on poor sandy soils.
- 189163 and 189164. *ORNITHOPUS SATIVUS* Brot. Fabaceae. **Serradella.**
189163. *Inlandse.* From D. J. Van De Have, Kapelle-Biebelinge. *Landras.*
189164. N. V. J. J. Robertus', Winschoten. Apparently same type as 189163.
189165. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**
- Landras.* N. V. J. J. Robertus', Winschoten. Yellow string bean.
189166. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**
- Selectiebedrijf Luidenburg, Groningen. Hay type. Danish selection from Lyngby.
- 189167 to 189171. *PISUM SATIVUM* L. Fabaceae. **Pea.**
189167. Landbounbureau M. Wiersum, Groningen. Original Unica type.
189168. *Hala Capucynus.* Dr. R. J. Mansholt, Westpolder.
189169. *Mansholt's Pluk.* Dr. R. J. Mansholt, Westpolder.
189170. Landbounbureau M. Wiersum, Groningen. Servo type.
189171. *Gruno Rosyn.* Dr. R. J. Mansholt, Westpolder.
- 189172 to 189174. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**
189172. Selectiebedrijf Luidenburg, Groningen. Danish selection.
189173. *Roosendaal.* Dr. Klaverbloem, Roosendaal.
189174. *Groninger.* Dr. R. J. Mansholt, Westpolder.
- 189175 to 189179. *TRIFOLIUM REPENS* L. **White clover.**
189175. Selectiebedrijf Luidenburg, Groningen. Danish selection from English wild white.
189176. *Landras.* N. V. J. J. Robertus', Winschoten.
189177. *Inlandse.* D. J. Van Der Have, Kapelle-Biezelinghe. *Landras.*
189178. Zwaan & De Wiljes', Scheemda.
189179. *Wilkla.* D. J. Van Der Have, Kapelle-Biezelinghe. Selection from wild white Dutch type.
- 189180 to 189187. *VICIA FABA* L. Fabaceae. **Broadbean.**
189180. *Strubes.* G. Geertsema, Groningen. Originally from Germany.
189181. *Lohmanns Weender.* G. Geertsema, Gronigen. Originally from Germany.
189182. Dr. R. J. Mansholt, Westpolder.
189183. *Adrie.* Z. P. C. Grachtswal, Leeuwarden.
189184. *Waabe.* Dr. R. J. Mansholt, Westpolder.
189185. *Dr. Francks Hohenloher Ackerbohne.* G. Geertsema, Gronigen. Originally from Germany.
189186. *Rinal.* M. Wiersum, Haren, Groningen.
189187. *Niki pigeon-bean.* Zaaizaadvereniging Z. A. P., Anna Paulowna.
- 189188 to 189190. *VICIA SATIVA* L. **Common vetch.**
189188. *Inlandse.* D. J. Van Der Have, Kapelle-Biezelinghe. Dutch fodder-vetch.

**189141 to 189190—Continued**189189. *Ceres*. N. V. J. J. Robertus', Winschoten.189190. *Negra*. N. V. J. J. Robertus', Winschoten.**189191. LUPINUS ANGUSTIFOLIUS L. Fabaceae.****Lupine.**

From Sweden. Seeds presented by the General Swedish Seed Company, Ltd., Svalof. Received May 12, 1950.

*Svalof Borre.***189192. RUBUS. Rosaceae.****Raspberry.**

From New Zealand. Plants presented by C. E. Woodhead, Auckland. Received May 18, 1950.

*Lloyd George.***189193 to 189195. FRAGARIA. Rosaceae.****Strawberry.**

From Canada. Plants presented by O. A. Bradt, Horticultural Experiment Station, Vineland, Ontario. Received May 15, 1950.

189193. *Valentine*.189194. *No. 41021*.189195. *No. 41022*.**189196. PIPER NIGRUM L. Piperaceae.****Black pepper.**

From Ceylon. Seeds presented by M. F. Chandratatna, Department of Agriculture, Peradeniya. Received May 15, 1950.

**189197 to 189204. HELIANTHUS ANNUUS L. Asteraceae.****Sunflower.**

From Argentina. Seeds presented by the American Embassy, Buenos Aires. Received May 15, 1950.

189197. *Kruglik*.189201. 421 × *Kruglik*.189198. *Saratoy*.189202. 426 × *Kruglik*.189199. *Seleccion Klein*.189203. 430 × *Seleccion Klein*.189200. *Skorospelhi*.189204. 440 × *Kruglik*.**189205 and 189206. STROPHANTHUS spp. Apocynaceae.**

From Africa. Plant material collected by J. T. Baldwin, Jr., William and Mary College, Williamsburg, Va. Received May 15, 1950.

189205. *STROPHANTHUS* sp.189206. *STROPHANTHUS GRACILIS* Schum. & Pax.**189207 to 189211. HIBISCUS spp. Malvaceae.**

From Cuba. Seeds presented by H. D. Lynn, Agriculturist, Havana, through the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 16, 1950.

189207 to 189210. *HIBISCUS CANNABINUS* L.**Kenaf.**189207. *IX 40*. Green-stemmed. Reached an average height of 50 inches during short winter days at Santiago de las Vegas. Originally from China.189208. *IX 42*. Green-stemmed. Originally from Korea.189209. *IX 43*. Green-stemmed. Originally from Manchuria.189210. *IX 51*. Red-stemmed. Originally from Java.

**189207 to 189211—Continued**

189211. *HIBISCUS COCCINEUS* Walt.

*IX 35.* Green-stemmed, divided-leafed type. Small capsules and seed. Reached 75 inches in 110 days at Santiago de las Vegas. Originally from Java.

**189212. *MUSA TEXTILIS* Née. Musaceae. Abacá.**

From Honduras. Seeds presented by J. T. Permar, Tela Railroad Co., Tela. Received May 16, 1950.

**189213 to 189222. *SOLANUM* spp. Solanaceae.**

From Canada. Tubers presented by H. N. Racicot, Department of Agriculture, Ottawa, Ontario. Received May 17, 1950.

189213. *SOLANUM ANDIGENUM* Juz. & Buk.

No. 1129.

189214. *SOLANUM DEMISSUM* Lindl.

No. 4-3.

189215. *SOLANUM GIBBERULOSUM* Juz. & Buk.

No. 1157.

189216. *SOLANUM JUJUYENSE* Hawkes.

No. 84-1-2.

189217. *SOLANUM SALTENSE* Hawkes.

No. 510.

189218 and 189219. *SOLANUM SCHICKII* Juz. & Buk.

189218. No. 1155.

189219. No. 1317-1.

189220. *SOLANUM* sp.

No. 1459-1.

189221. *SOLANUM* sp.

No. 1459-2.

189222. *SOLANUM* sp.

No. 2062.

**189223 and 189224. *PIPER* spp. Piperaceae. Pepper.**

From India. Seeds presented by Horen Jones, Shillong, Assam. Received May 17, 1950.

189223. *PIPER NIGRUM* L.

Black pepper.

189224. *PIPER* sp.

**189225 to 189230.**

From the Belgian Congo. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 17, 1950.

Market, Leopoldville. Feb. 13, 1950.

189225 and 189226. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

189225. No. 1.

189226. No. 2.

189227 and 189228. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

189227. No. 1.

189228. No. 2.

## 189225 to 189230—Continued

189229. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**  
 189230. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**

## 189231 to 189237.

From England. Plants presented by the Royal Botanic Garden, Kew, Surrey.  
 Received May 18, 1950.

189231. *ARUNDINARIA ANCEPS* Mitf. Poaceae. **Bamboo.**  
 189232. *CHIMONOBAMBUSA FALCATA* (Nees.) Nakai. Poaceae. **Ningala bamboo.**  
 189233. *THAMNOCALAMUS FALCONERI* Hook. f. Poaceae. **Falconer bamboo.**  
 189234. *ARUNDINARIA GRAMINEA* (Mitf.) Makino. Poaceae. **Bamboo.**  
 189235. *SINARUNDINARIA MURIELAE* (Gamble) Nakai. Poaceae. **Bamboo.**  
 189236. *SINARUNDINARIA NITIDA* (Mitf.) Nakai. **Bamboo.**  
 189237. *ARUNDINARIA VAGANS* Gamble. Poaceae. **Bamboo.**

189238. *GLADIOLUS* sp. Iridaceae.

From the Union of South Africa. Bulbs presented by W. C. Lowdermilk,  
 American Embassy, Pretoria, Transvaal. Received May 18, 1950.

## 189239 to 189248.

From Wales. Seeds presented by the Welch Plant Breeding Station, Penglais,  
 Aberystwyth. Received May 19, 1950.

189239. *FESTUCA ARUNDINACEA* Schreb. Poaceae. **Tall fescue.**  
 189240. *FESTUCA OVINA* L. **Sheep fescue.**  
 189241 and 189242. *FESTUCA ELATIOR* L. **Meadow fescue.**  
 189241. No. 1.  
 189242. No. 2.  
 189243. *FESTUCA RUBRA* L. **Red fescue.**  
 189244 to 189246. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**  
 189244. *S* 48.  
 189245. *S* 50.  
 189246. *S* 51.  
 189247 and 189248. *TRIFOLIUM REPENS* L. Fabaceae. **White clover.**  
 189247. *S* 100.  
 189248. *S* 184.

## 189249 to 189257.

From Mexico. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer,  
 Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
 Md. Received May 19, 1950.

- 189249 to 189252. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**  
 Collected May 6, 1950 from a market in Mexico City.  
 189249. No. 1047. Hard green type.  
 189250. No. 1048. Long, green type.  
 189251. No. 1049. Large, red type.  
 189252. No. 1050. Medium, red type.



**189249 to 189257—Continued**189253. *DIOSCOREA ALATA* L. Dioscoreaceae.189254. *GOSYPIUM*. Malvaceae.

Cotton.

No. 1051.

189255 to 189257. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

189255. No. 1043.

189256. No. 1044.

189257. No. 1046.

**189258 and 189259.**

From Ethiopia. Seeds presented by the American Embassy, Addis Ababa.  
Received May 19, 1950.

189258. *AMOMUM* sp. Zingiberaceae.189259. *GUIZOTIA ABYSSINICA* (L. f.) Cass. Asteraceae.**189260. CITRUS SINENSIS (L.) Osbeck. Rutaceae. Orange.**

From Colombia. Budsticks presented by V. R. Gardner, American Embassy,  
Bogotá. Received May 22, 1950.

*Valle del Cauca.***189261 and 189262. TRITICUM AESTIVUM L. Poaceae.**

Common wheat.

From Australia. Seeds presented by W. L. Waterhouse, University of Sydney,  
Sydney, New South Wales. Received May 22, 1950.

189261. *Gabo W 1422.*189262. *Gaza W 277.***189263. LILIUM sp. Liliaceae.**

Lily.

From Africa. Seed received through the Division of Rubber Investigations,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received May 22, 1950.

**189264 to 189266.**

From England. Roots presented by the Royal Botanic Gardens, Kew, Surrey.  
Received May 22, 1950.

189264. *MENTHA AQUATICA* L. Menthaceae.189265. *MENTHA LONGIFOLIA* (L.) Huds.189266. *MENTHA RUBRA* Mill.*Raripila.***189267. SOLANUM MELONGENA L. Solanaceae.**

Eggplant.

From Wisconsin. Seeds presented by O. B. Combs, Department of Horticulture,  
University of Wisconsin, Madison. Received May 23, 1950.

*Badger State.* Developed from cross made in 1932 between *Black Beauty*  
and *Black Bountiful*. Contains fewer seeds than either parent, and has other  
more desirable characteristics. Promising where earliness is an important  
consideration.

**189268 and 189269. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Roots collected by J. T. Baldwin, Jr., Agricultural Explorer,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received May 23, 1950.

**189268 and 189269—Continued**

189268. DIOSCOREA sp.

No. 1071.

189269. DIOSCOREA sp.

No. 1071a.

**189270. MEDICAGO CILIARIS (L.) All. Fabaceae.**

From Tunisia. Seeds presented through G. Valderon, Service Botanique et Agronomique, Tunis. Received May 23, 1950.

**189271 to 189273.**

From Belgian Congo. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 23, 1950.

189271. CROTALARIA sp. Fabaceae.

189272. CROTALARIA MUCRONATA Desv.

189273. VIGNA CYLINDRICA (L.) Skeels. Fabaceae.

**Catjang.****189274 and 189275.**

From the Netherlands. Seeds presented by Ir. C. Koopman, Central Bureau, Hoofddorp. Received May 23, 1950.

189274. DACTYLIS GLOMERATA L. Poaceae.

**Orchard grass.***Kropaar CB.*

189275. TRIFOLIUM REPENS L. Fabaceae.

**White clover.***Witte Weideklaver C. B.***189276. HIBISCUS CANNABINUS L. Malvaceae.****Kenaf.**

From Cuba. Seeds presented by Joe Walker, American Embassy, Havana. Received May 23, 1950.

**189277 and 189278.**

From the Netherlands. Seeds presented by D. J. Van der Have, Kapelle-Biezelinge. Received May 23, 1950.

189277. FESTUCA RUBRA L. Poaceae.

**Red fescue.***Golfrood.*

189278. TRIFOLIUM REPENS L. Fabaceae.

**White clover.***Wilkka.***189279. TRIFOLIUM ALEXANDRINUM L. Fabaceae.****Berseem.**

From Spain. Seeds presented by the Hort. del Segura S. L., Murcia. Received May 23, 1950.

**189280 to 189299.**

From Sweden. Seeds presented by Sveriges Utsädesförenings, Svalöf. Received May 23, 1950.

189280 to 189284. DACTYLIS GLOMERATA L. Poaceae.

**Orchard grass.**189280. *Bragehundaeineg* #8.189283. *Skandiahundaeineg* 58.189281. *Gullaker.*189284. *Tardus II.*189282. *Minerva II.*

189285 and 189286. FESTUCA RUBRA L. Poaceae.

**Red fescue.**189285. *Reptans.*189286. *Viking.*

## 189280 to 189299—Continued

- 189287 to 189291. PHLEUM PRATENSE L. Poaceae. Timothy.  
 189287. *Bore*. 189290. *Omnia*.  
 189288. *Bottnia*. 189291. *Vanadis*.  
 189289. *Kampe II*.  
 189292 to 189294. POA PRATENSIS L. Poaceae. Kentucky bluegrass.  
 189292. *Gullaker*.  
 189293. *Primo*.  
 189294. *Skandia II*.  
 189295 to 189297. TRIFOLIUM HYBRIDUM L. Fabaceae. Alsike clover.  
 189295. *Angermanlandski*.  
 189296. *Svea*.  
 189297. *Vittinge*.  
 189298 and 189299. TRIFOLIUM REPENS L. White clover.  
 189298. *Hero*.  
 189299. *Robusta*.

## 189300 to 189380.

From Nigeria. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 24, 1950.

Collected in 1949.

189300. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.  
 No. 59. Awgu. Nov. 24.  
 189301. ANDROPOGON GAYANUS Kunth. Poaceae.  
 No. 78. (No data.)  
 189302. ANDROPOGON ISCHAEMUM L.  
 No. 13. Forty miles east of Jos. Nov. 14.  
 189303. HYPARRHENIA RUFA (Nees) Stapf. Poaceae. Jaragua.  
 No. 14. Between Jos and Rayfield. Nov. 21.  
 189304. ANDROPOGON sp. Poaceae.  
 No. 18. Zibad, a plantation north of Falugia. Oct. 10.  
 189305. ANDROPOGON sp.  
 No. 20. North of Falugia.  
 189306. ANTHERPHORA NIGRITANA Stapf & Hubb. Poaceae.  
 No. 87. (No data.)  
 189307 and 189308. ARACHIS HYPOGAEA L. Fabaceae. Peanut.  
 189307. Calabar. Nov. 18.  
 189308. No. 76. Umwhia. Nov. 24.  
 189309. CAJANUS CAJAN (L.) Druce. Fabaceae. Pigeonpea.  
 No. 58. Enugu. Nov. 24. Cultivated type.  
 189310 and 189311. CHLORIS GAYANA Kunth. Poaceae. Rhodes grass.  
 189310. No. 81. *P11*. Alego type.  
 189311. No. 65. *P58*.  
 189312. CHLORIS sp.  
 No. 64. *P13*.

## 189300 to 189380—Continued

189313. *CORCHORUS CAPSULARIS* L. Tiliaceae. **Jute.**  
 No. 55. Enugu. Nov. 24. Cultivated type.
189314. *CROTALARIA RETUSA* L. Fabaceae.  
 No. 56. Enugu. Wild.
189315. *CTENIUM* sp. Poaceae.  
 No. 21. Gezira, north of Falugia, Silmas. Oct. 10.
- 189316 to 189318. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**  
 189316. No. 40. Umwhia. Nov. 24.  
 189317. No. 69. Onitsha. Nov. 14.  
 189318. No. 71. Market, Owerri. Nov. 16.
- 189319 to 189323. *DIGITARIA EXILIS* (Kippist) Stapf. Poaceae. **Fundi.**  
 Collected by A. T. Semple, Food and Agriculture Organization, United Nations, and forwarded by J. T. Baldwin, Jr.  
 189319. No. 1. *Were Sui.*  
 189320. No. 2. *Sierra Leone Short.*  
 189321. No. 3. *Were Pweng.*  
 189322. No. 4. *Ndat.*  
 189323. No. 5. *Iburu.*
189324. *DIGITARIA FUSCESCENS* (Presl) Henr.  
 No. 6. *Sierra Leone Long.*
- 189325 to 189327. *DIGITARIA EXILIS* (Kippist) Stapf. **Fundi.**  
 189325. No. 7. *Akang.*  
 189326. No. 8. *Peng.*  
 189327. No. 9. *Dere.*
189328. *DIOSCOREA* sp. Dioscoreaceae.  
 No. 34. Awgu. Tubers. Nov. 24. Cultivated.
189329. *DIOSCOREA* sp.  
 No. 43. Oron. Tubers. Nov. 23.
- 189330 and 189331. *ELAEIS GUINEENSIS* Jacq. Phoenicaceae. **African oil palm.**  
 189330. No. 41. Harbel. September.  
 189331. No. 42. Oron.
189332. *ERAGROSTIS BARRELIERI* Daveau. Poaceae.  
 No. 28. Bida. Nov. 16.
189333. *ERAGROSTIS* sp.  
 No. 30. November.
189334. *GLADIOLUS* sp. Iridaceae.  
 No. 33. Umwhia. Nov. 24.
189335. *HETEROPOGON* sp. Poaceae.  
 No. 10. *Tofa.* North of Falugia. Oct. 10.
189336. *ORNITHOPUS* sp. Fabaceae.  
 No. 27. Bida. November.

## 189300 to 189380—Continued

189337. *PANICUM MAKARIKARIENSE* (Goos.) Van Rensb. Poaceae.  
No. 83.
189338. *PANICUM* sp.  
No. 82.
189339. *PASPALUM SCROBICULATUM* L. Poaceae.  
No. 86. (No data.)
189340. *PASPALUM* sp.  
No. 22. Forty miles east of Jos. Nov. 12. Altitude 2,000 feet.
189341. *PASPALUM* sp.  
No. 79. *Ladikoro*. Local type.
189342. *PENNISETUM CILIARE* (L.) Link. Poaceae.  
No. 77. Grass garden in Ibadan. Nov. 26.
189343. *PENNISETUM SPICATUM* (L.) Willd. Pearl millet.  
No. 70. Calabar. Nov. 18.
189344. *PENNISETUM HORDEOIDES* (Lam.) Steud.  
No. 19. North of Falugia. Oct. 10.
- 189345 and 189346. *PENNISETUM PEDICELLATUM* Trin.  
189345. No. 24. Five miles west of Bauchi. Nov. 13.  
189346. No. 25. Bauchi.
189347. *PENNISETUM POLYSTACHION* (L.) Schult.  
No. 29. Toro.
189348. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
No. 37. Umwhia. Nov. 24.
- 189349 to 189361. *PHASEOLUS VULGARIS* L. Common bean.
- |   |                                    |
|---|------------------------------------|
| 189349. No. 36. Between Calabar and Mamfe. Nov. 20. | 189355. No. 53. Near Aba. Nov. 23. |
| 189350. No. 39. Enugu.                              | 189356. No. 54. Enugu. Nov. 24.    |
| 189351. No. 44. Oron.                               | 189357. No. 57. Umwhia.            |
| 189352. No. 48. Between Calabar and Mamfe.          | 189358. No. 60. Oron.              |
| 189353. No. 49. Umwhia. Nov. 24.                    | 189359. No. 61. Near Oron.         |
| 189354. No. 52. Umwhia.                             | 189360. No. 74. Enugu.             |
|   | 189361. No. 31. Enugu.             |
189362. *POA BULBOSA* L. Poaceae. Bulbous bluegrass.  
No. 11. *Kapoura*. One hundred km. north of Dohuk. Oct. 25.
- 189363 and 189364. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
189363. No. 45. Enugu. Nov. 25.  
189364. No. 75. Awgu.
- 189365 and 189366. *SESAMUM RADIATUM* Schum. Pedaliaceae.  
189365. No. 32. Onitsha. Flowers pink.  
189366. No. 50. Enugu.
189367. *SESBANIA* sp. Fabaceae.  
No. 23. Rayfield. Nov. 21.

## 189300 to 189380—Continued

189368. *TEPHROSIA* sp. Fabaceae.

No. 38. Enugu.

189369. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae. Natal grass.

No. 80. (No data.)

189370 to 189380. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.

189370. No. 46. Umwhia.

Nov. 24.

189376. No. 65. Gbongan.

189377. No. 66. Calabar.

189371. No. 47. Umwhia.

189378. No. 67. Market,  
Owerri. Nov. 16.

189372. No. 51. Umwhia.

189373. No. 62. Market, Calabar.  
Nov. 21.

189379. No. 72. Calabar.

189380. No. 73. Calabar.

189374. No. 63. Gbongan.

189375. No. 64. Market, Benin  
City. Nov. 12.189381. *DESMODIUM DISTORTUM* (Aubl.) Macbride. Fabaceae.From Guatemala. Seeds presented by the Instituto Agropecuario Nacional,  
Guatemala City. Received May 24, 1950.189382. *LACTUCA POLYCEPHALA* (Cass.) Benth. Asteraceae.From India. Seeds presented by Dr. J. N. Mukherjee, Director, Indian Agri-  
cultural Research Institute, New Delhi. Received May 29, 1950.189383. *STROPHANTHUS ARNOLDIANUS* De Wil. & Dur.

Apocynaceae.

From the Belgian Congo. Seeds collected in Kisantu by H. Callens, New  
York Botanical Garden, Bronx Park, New York. Received June 1, 1950.

No. 2114.

## 189384 to 189387.

From Finland. Seeds presented by the Agricultural Research Institute,  
Tikkurila. Received May 24, 1950.189384. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

189385. *FESTUCA RUBRA* L. Poaceae.

Red fescue.

189386. *POA PRATENSIS* L. Poaceae.

Kentucky bluegrass.

189387. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

## 189388 to 189396.

From New Zealand. Seeds presented by H. A. Lurman, Auckland. Received  
May 24, 1950.189388. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

189389 and 189390. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

189389. H. 1.

189390. Italian certified.

189391 and 189392. *LOLIUM PERENNE* L.

Perennial ryegrass.

189391. Certified. *Mother*.

189392. Permanent pasture.

**189388 to 189396—Continued**

189393. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.  
*Marlborough.*
189394. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.
189395. *TRIFOLIUM REPENS* L. White clover.  
 Certified Pedigree.
189396. *TRIFOLIUM SUBTERRANEUM* L. Subterranean clover.  
*Mount Barker.* Certified.

**189397 to 189401. *SANSEVIERIA* spp. Liliaceae.**

From New York. Plants presented by the New York Botanical Gardens, Bronx Park. Received May 24, 1950.

189397. *SANSEVIERIA ANGUSTIFLORA* Lindb.
189398. *SANSEVIERIA BRAUNII* Engl. & Krause.
189399. *SANSEVIERIA DOONERI* N. E. Br.
189400. *SANSEVIERIA* sp.  
 Received as *S. emeralda*, an apparently unpublished name.
189401. *SANSEVIERIA LIBERICA* Ger. & Labr.

**189402 to 189416.**

From Guatemala. Seeds presented by the Iowa State College Tropical Research Center, Antigua. Received May 25, 1950.

189402. *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.  
 55-50. Seeds black. Altitude 4,900 feet, Antigua.
189403. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
 81-49. *Piloy*. Pole type. Mazatenango; altitude 1,200 feet.
- 189404 to 189415. *PHASEOLUS VULGARIS* L. Common bean.
189404. 40-49. Seeds brown, bush type. Antigua; altitude 4,900 feet.
189405. 41-49. Seeds red, bush type. Sumpango; altitude 7,000 feet.
189406. 42-49. *Piligue*. Seeds red, bush type. Tecpán; altitude 7,500 feet.
189407. 43-49. *Rey Mundo*. Seeds white, bush type. Altitude 8,500 feet.
189408. 44-49. Seeds red. Antigua; altitude 4,900 feet.
189409. 45-49. Seeds black, bush type. Amatitlán; altitude 4,800 feet.
189410. 46-49. Seeds black, bush type. Itzapa; altitude 6,000 feet.
189411. 47-49. Seeds spotted, pole type. Antigua; altitude 4,900 feet.
189412. 52-50. *Piloy*. Seeds brown, pole type. Antigua.
189413. 53-50. *Piloy*. Seeds black, pole type. Antigua.
189414. 54-50. Seeds black, early pole type. El Progreso; altitude 3,000 feet.
189415. 66-49. Seeds black, bush type. Tecpán; altitude 7,500 feet.
189416. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang.  
 51-50. Seeds gray. Tiquisate; altitude 200 feet.

**189417. *CHENOPodium QUINOA* Willd. Chenopodiaceae. Quinoa.**

From Bolivia. Seeds presented by J. H. Rowe, Oruro. Received May 25, 1950.

**189418 to 189424. GOSSYPIUM. Malvaceae.****Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Department of Agriculture, Shambat, Khartoum North. Received May 29, 1950.

Varieties bred for blackarm resistance.

189418. BAR 4/16. *G. hirsutum* × *punctatum*.

189419. BAR 4/18. *G. hirsutum* × *punctatum*.

189420. BAR 14/7. *G. hirsutum* origin.

189421. BAR 14/9. *G. punctatum* origin.

189422. BAR 14/11. *G. hirsutum* origin.

189423. BAR 14/19. *G. arboreum* origin.

189424. BAR 14/22. *G. barbadense* origin.

**189425 to 189440 IPOMOEA BATATAS (L.) Lam. Convolvulaceae.****Sweetpotato.**

From Mexico. Roots collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 29, 1950.

Collected in 1950.

No. 1069. Market, Veracruz.

189425. No. 1.

189433. No. 9.

189426. No. 2.

189434. No. 10.

189427. No. 3.

189435. No. 11.

189428. No. 4.

189436. No. 12.

189429. No. 5.

189437. No. 13.

189430. No. 6.

189438. No. 14.

189431. No. 7.

189439. No. 15.

189432. No. 8.

189440. No. 16.

**189441. FRAGARIA. Rosaceae.****Strawberry.**

From Tasmania. Plants presented by T. D. Raphael, Department of Agriculture, Hobart. Received May 31, 1950.

**189442. CAESALPINIA CORIARIA (Jacq.) Willd. Fabaceae.****Divi-divi.**

From Cuba. Seeds presented by the Harvard University Atkins Garden and Research Laboratory, Cienfuegos. Received May 31, 1950.

**189443. URERA BACCIFERA Gaud. Urticaceae.**

From Argentina. Seeds obtained through the American Embassy, Buenos Aires. Received May 31, 1950.

*Ortiga Brava*. A large shrub native to South America.

**189444. PHORMIUM TENAX Forst. Liliaceae. New Zealand flax.**

From the Azores. Plants presented by Fernandez Cordeniz Fagundes, Estação Agrária, Terceira Island. Received May 31, 1950.

**189445 and 189446. DESMODIUM spp. Fabaceae.**

From Nicaragua. Seeds presented by the Escuela Nacional de Agricultura, Chinandega. Received June 1, 1950.

189445. *DESMODIUM SCORPIURUS* Desv.

Stems 20 inches or more long, rooting near base. Native to tropical America.



**189445 and 189446—Continued**

189446. *DESMODIUM TRIFOLIUM* (L.) DC.

Stems much branched, creeping or prostrate. Native to tropical Asia but naturalized in tropical America.

**189447 to 189449.**

From Uruguay. Seeds presented by Alberto Basso, Montevideo. Received June 1, 1950.

189447. *HORDEUM* sp. Poaceae.

Barley.

Introduced as *H. ichnaterium* var. *ithaburgense*, an apparently unpublished name.

189448. *POA LANIGERA* Nees. Poaceae.

189449. *VICIA ATROPURPUREA* Desf. Fabaceae.

Purple vetch.

**189450 to 189466. *ORYZA SATIVA* L. Poaceae.**

Rice.

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received June 1, 1950.

189450. *Raia*.

189459. *Mortara*.

189451. *Familia 181*.

189460. *Romeno*.

189452. *D. Sancho*.

189461. *Arroz de terra*.

189453. *Bertone*.

189462. *Arpa Shaly*.

189454. *Hadzh Akamat*.

189463. *Amarelo*.

189455. *Aljubarrota*.

189464. *Rajado*.

189456. *Karaki Shaly*.

189465. *Galhardo*.

189457. *Rajado de ponta escura*.

189466. *Barbado*.

189458. *Batalha*.

**189467. *TRIFOLIUM* sp. Fabaceae.**

Clover.

From the British Cameroons. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1950.

*Bamenda*. Dec. 8, 1949.

**189468 to 189473.**

From Mexico. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 2, 1950.

189468. *DIOSCOREA MACROSTACHYA* Benth. Dioscoreaceae.

No. 1002. (Sprouts.)

189469. *DIOSCOREA ALATA* L. Dioscoreaceae.

No. 1009. (Sprouts.)

189470 to 189472. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

Market, Progreso, Yucatan. May 3, 1950. (Roots.)

189470. No. 1.

189471. No. 2.

189472. No. 3.

189473. *SOLANUM* sp. Solanaceae.

Market, Progreso, Yucatan. May 3, 1950. (Tubers.)

189474. *CHENOPODIUM QUINOA* Willd. *Chenopodiaceae*.**Quinoa.**

From Chile. Seeds presented by Carlos Muñoz, Santiago. Received June 2, 1950.

## 189475 to 189491.

From Mexico. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 2, 1950.

Collected in 1950.

189475. *HIPPEASTRUM* sp.

No. 1081. Jalapa, Veracruz. (Bulbs.)

189476. *DIOSCOREA* sp. *Dioscoreaceae*.

Fortín, Veracruz. (Bulbs.)

189477. *DIOSCOREA* sp.

Fortín, Veracruz. (Bulbs.)

189478. *DIOSCOREA* sp.

Mirador, Veracruz. (Bulbs.)

189479. *ECHEVERIA* sp. *Crassulaceae*.

No. 1071. Cruz Blanca, Veracruz. Altitude 8,000 to 10,000 feet. May 21. (Plants.)

189480. *ECHEVERIA* sp.

No. 1072. Cruz Blanca, Veracruz. Altitude 8,000 to 10,000 feet. Epiphytic on trees. May 21. (Plants.)

189481. *FRAGARIA* sp. *Rosaceae*.**Strawberry.**

No. 1078. Cruz Blanca, Veracruz. Altitude 8,000 to 10,000 feet. May 21. (Plants.)

189482. *GOSSYPIUM*. *Malvaceae*.**Cotton.**

No. 1086. Mérida, Yucatan. May. (Seeds.)

189483. *IRIS* sp. *Iridaceae*.

No. 1076. Cruz Blanca, Veracruz. May 21. (Plants.)

189484. *SEDUM* sp. *Crassulaceae*.

No. 1073. Cruz Blanca, Veracruz. May 21. Up to 3 feet high, flowers yellow. (Plants.)

189485. *SEDUM* sp.

No. 1074. Cruz Blanca, Veracruz. May 21. Epiphytic. (Plants.)

189486. *SEDUM* sp.

No. 1075. Cruz Blanca, Veracruz. May 21. Flowers white. (Plants.)

189487. *SEDUM* sp.

No. 1082. Cerro Gordo, Veracruz. May 22. (Plants.)

189488. *SEDUM* sp.

No. 1083. Cerro Gordo, Veracruz. May 22. (Plants.)

189489. *VIOLA* sp. *Violaceae*.

No. 1080. Cruz Blanca, Veracruz. May 21. (Plants.)

## 189490. (Undetermined.)

No. 1077. Cruz Blanca, Veracruz.

**189475 to 189491—Continued**

189491. (Undetermined.)

No. 1079. Cruz Blanca, Veracruz.

**189492 to 189497.**

From India. Seeds presented by A. T. Semple, Food and Agriculture Organization, United Nations, through Prof. L. S. S. Kumar, Office of the Economic Botanist, Poona, Bombay Province.

189492. *ALYSICARPUS RUGOSUS* DC. Fabaceae.

A bushy annual with ascending stems 1 to 2 feet high. Native to tropical Asia.

189493. *ALYSICARPUS VAGINALIS* var. *NUMMULARIFOLIUS* (L.) Baker.

A stout tufted legume with stems 1 to 2 feet long. Native to India.

189494. *HEYLANDIA LATEBROSA* (L.) DC. Fabaceae.

A prostrate, much-branched, silky pubescent leguminous herb. Native to tropical Asia.

189495. *INDIGOFERA CORDIFOLIA* Roth. Fabaceae.

A bushy annual with stems 3 to 9 inches long. Native to India.

189496. *INDIGOFERA GLANDULOSA* Willd.

An annual with slender elongated branches. Native to western India.

189497. *INDIGOFERA LINIFOLIA* Retz.

A copiously branched, silvery pubescent annual with slender stems 6 inches to 1 foot long, and bright-red flowers in dense racemes. Native throughout India.

**189498 to 189503. *SOLANUM ANDIGENUM* Juz. & Buk.  
Solanaceae.**

From Canada. Presented by H. N. Racicot, Department of Agriculture, Ottawa. Received June 6, 1950.

189498. CPC 140. (Tubers.) 189501. CPC 194. (Seeds.)

189499. CPC 361. (Tubers.) 189502. CPC 236. (Seeds.)

189500. CPC 191. (Seeds.) 189503. CPC 289a. (Seeds.)

**189504 to 189506. *CITRUS* spp. Rutaceae.**

From Italy. Seeds presented by Guy W. Adriance, Rome. Received June 6, 1950.

189504. *CITRUS AURANTIUM* L. Rutaceae. Seville orange.  
*Ovale.*

189505. *CITRUS LIMON* (L.) Burm. f.189506. *CITRUS AURANTIUM* L. Seville orange.**189507 to 189532.**

From Mexico. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 6, 1950.

Received as plants unless otherwise noted.

189507. *ANTHERICUM* sp. Liliaceae.

No. 1098. Teyuca, Puebla. May 25, 1950.

189508. *ANTHERICUM* sp.

No. 1108. Near Santa María del Tule, Oaxaca.

## 189507 to 189532—Continued

189509. *DIOSCOREA GALEOTTIANA* Kunth. Dioscoreaceae.  
No. 1087. Orizaba, Veracruz.
189510. *DIOSCOREA PALLENS* Schlecht.  
No. 1088. Orizaba, Veracruz.
189511. *PEPEROMIA* sp. Piperaceae.  
No. 1089. Orizaba, Veracruz.
189512. *DIOSCOREA* sp. Dioscoreaceae.  
No. 1090. Orizaba, Veracruz.
189513. *DIOSCOREA* sp.  
No. 1099. Teyuca, Puebla.
189514. *DIOSCOREA* sp.  
No. 1113. Oaxaca.
189515. *ECHEVERIA* sp. Crassulaceae.  
No. 1093. Penfiel, Puebla.
189516. *ECHEVERIA* sp.  
No. 1101. The Pan-American Highway, Puebla.
189517. *ECHEVERIA* sp.  
No. 1106. Near Santa María del Tule, Oaxaca.
189518. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. • Sweetpotato.  
No. 1095a. Market, Puebla. (Roots.)
189519. *PLUMERIA* sp. Apocynaceae. Frangipani.  
No. 1104. Pan-American Highway, Puebla.
189520. *PORTULACA* sp. Portulacaceae.  
No. 1107. Near Santa María del Tule, Oaxaca.
189521. *PORTULACA* sp.  
No. 1109. Near Santa María del Tule, Oaxaca.
189522. *PORTULACA* sp.  
No. 1110. Near Santa María del Tule, Oaxaca.
189523. *SEDUM* sp. Crassulaceae.  
No. 1091. Orizaba, Veracruz.
189524. *SEDUM* sp.  
No. 1092. Penfiel, Puebla.
189525. *SEDUM* sp.  
No. 1094. Penfiel, Puebla. May 24, 1950.
189526. *SEDUM* sp.  
No. 1102. Pan-American Highway, Puebla.
189527. *SEDUM* sp.  
No. 1103. Pan-American Highway, Puebla.
189528. *SOLANUM* sp. Solanaceae.  
No. 14320. Kilometer 568, Pan-American Highway, Oaxaca. May 27, 1950. (Tubers.)
189529. (Undetermined.)  
No. 114. Pan-American Highway, Oaxaca.

**189507 to 189532—Continued****189530.** (Undetermined.)

No. 1100. Teyuca, Puebla.

**189531.** (Undetermined.)

No. 1105. Pan-American Highway, Puebla.

**189532.** (Undetermined.)

No. 1095. Penfiel, Puebla.

**189533. IPOMOEA ARBORESCENS (Willd.) Don. Convolvulaceae.**

From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca. Received June 6, 1950.

A large tree, covered with showy white flowers when leafless, with smooth white bark. Native to western and southeastern Mexico.

**189534. GOSSYPIUM. Malvaceae.****Cotton.**

From Mexico. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 7, 1950.

No. 1097. Pitayo, Puebla. May 25, 1950.

**189535. PANICUM MAXIMUM Jacq. Poaceae.****Guinea grass.**

From Brazil. Seeds presented by the Instituto Agronômica, Campinas, São Paulo. Received June 9, 1950.

**189536. SESBANIA sp. Fabaceae.**

From India. Seeds presented by the Deputy Director of Agriculture, Poona. Received June 9, 1950.

*Sheori.***189537 and 189538.**

From Mexico. Tubers collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 13, 1950.

**189537. DIOSCOREA sp. Dioscoreaceae.**

No. 14237. Fortín, Veracruz.

**189538. DIOSCOREA sp.**

No. 14239. El Palmar, Veracruz.

**189539. SACCHARUM. Poaceae.****Sugarcane.**

From Indochina. Cuttings obtained through the American Legation, Saigon. Received June 8, 1950.

*Mia Vei.***189540 to 189542.**

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape of Good Hope Province. Received June 8, 1950.

**189540. CHLORIS GAYANA Kunth. Poaceae.****Rhodes grass.****189541. ERAGROSTIS LEHMANNIANA Nees. Poaceae.****Lehmann lovegrass.****189542. ERAGROSTIS OBTUSA Munro.****189543 to 189555.**

From Mexico. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 8, 1950.

**189543. CICER ARIETINUM L. Fabaceae.****Chickpea.**

No. 3. Veracruz, Veracruz State. Large-seeded type.

## 189543 to 189555—Continued

- 189544 and 189545. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**
189544. No. 1. Veracruz, Veracruz State.
189545. No. 4. Veracruz, Veracruz State.
189546. *HORDEUM VULGARE* L. Poaceae. **Barley.**
- No. 2. Veracruz, Veracruz State.
189547. *PHALARIS CANARIENSIS* L. Poaceae. **Canary grass.**
- No. 5. Veracruz, Veracruz State.
189548. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**
- No. 6. Veracruz, Veracruz State.
- 189549 and 189550. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
189549. No. 1096. Market, Puebla, Puebla State.
189550. No. 1117. Market, Oaxaca, Oaxaca State.
189551. *CUCURBITA FICIFOLIA* Bouché. Cucurbitaceae. **Alcallota.**
- No. 1116. Market, Oaxaca, Oaxaca State.
189552. *CUCURBITA PEPO* L. **Pumpkin.**
- No. 1118. Market, Oaxaca, Oaxaca State.
189553. *CUCURBITA MOSCHATA* Duchesne. **Cushaw.**
- No. 1119. Market, Oaxaca, Oaxaca State.
189554. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**
- No. 1115. Market, Oaxaca, Oaxaca State.
189555. *SCHOENOCAULON* sp. Liliaceae.
- No. 1111. Near Santa María del Tule, Oaxaca.

## 189556 to 189562.

From Italy. Cuttings obtained in Rome by Guy W. Adriance, Department of Horticulture, Agricultural and Mechanical College of Texas, College Station, Texas. Received June 8, 1950.

189556. *CERATONIA SILIQUA* L. Fabaceae. **Carob.**
- Femminello.*
- 189557 and 189558. *CITRUS BERGAMIA* Risso. Rutaceae. **Bergamot orange.**
189557. *Castagnaro.*
189558. *Femminello.*
- 189559 to 189562. *CITRUS LIMON* (L.) Burm. f. **Lemon.**
189559. *Cedrato.* 189561. *Interdonato.*
189560. *Femminello.* 189562. *Monaihello.*

189563 to 189568. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

From the Netherlands. Seed presented by D. J. Van der Have, Rilland-Bath. Received June 9, 1950.

189563. *Atlas.* 189566. *Dupri.*
189564. *Bataaf.* 189567. *Maro.*
189565. *Bruno* × *Red Musican.* 189568. *Mont d'Or.*

**189569 to 189571. MEDICAGO SCUTELLATA (L.) Mill. Fabaceae.**  
**Snail medic.**

From Australia. Seeds presented by Dr. William Hartley, Council of the Scientific and Industrial Research Organization, Australian Capital Territory, Canberra. Received June 9, 1950.

189569. Early strain.

189570. Long-season strain.

189571. Midseason strain.

**189572 to 189574. FREESIA. Iridaceae.**

From England. Corms presented by Maj. John F. Phillips, Kingston Langley, Wiltshire. Received June 13, 1950.

189572. Flowers blue.

189573. Flowers red-pink.

189574. Flowers yellow.

**189575 to 189584.**

From Mexico. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 13, 1950.

Collected May 1950. From Veracruz.

189575. *BEGONIA* sp. Begoniaceae.

No. 1062. Fortín. (Plant.)

189576. *DIOSCOREA MACROSTACHYA* Benth. Dioscoreaceae.

No. 1057. Fortín. (Tubers.)

189577. *DIOSCOREA* sp.

No. 1068. Fortín. (Tubers.)

189578. *IRIS* sp. Iridaceae.

No. 14241. Fortín. (Plants.)

189579. *SEDUM* sp. Crassulaceae.

No. 1059. Fortín. (Plant.)

189580. *SEDUM* sp.

No. 1060. Below Acultzingo. (Plant.)

189581. *SEDUM* sp.

No. 1061. Fortín. (Cuttings.)

189582. *SMILAX* sp. Liliaceae.

No. 1058. Fortín. (Plants.)

189583. *STIGMAPHYLLON HUMBOLDTIANUM* (DC.) Juss. Malpighiaceae.

No. 1064. El Palmar. (Tubers.)

189584. (Undetermined.)

No. 1065. Fortín. (Tuber.)

**189585. PELARGONIUM BOWKERI Harv. Geraniaceae.**

From England. Plant presented by the Royal Botanic Gardens, Kew, Surrey. Received June 14, 1950.

A short-stemmed fleshy plant with finely dissected long-stalked leaves and yellow flower clusters on scapes about 1 foot long. Native to South Africa.

189586 to 189608. CITRUS SINENSIS (L.) Osbeck. Rutaceae.

Orange.

From Italy. Seeds presented by Dr. Luigi Zanotti, Francofonte, Sicily. Received June 15, 1950.

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|---------------------------------------|--|
| 189586. <i>Biondi Semi N. 4.</i>      | 189598. <i>Sanguinello Semi N. 3.</i>  |
| 189587. <i>Biondi Semi N. 5.</i>      | 189599. <i>Sanguigno Semi N. 4.</i>    |
| 189588. <i>Biondi Semi N. 6.</i>      | 189600. <i>Sanguinello Semi N. 5.</i>  |
| 189589. <i>Biondi Semi N. 7.</i>      | 189601. <i>Sanguigno Semi N. 6.</i>    |
| 189590. <i>Biondi Semi N. 8.</i>      | 189602. <i>Sanguinello Semi N. 7.</i>  |
| 189591. <i>Biondi Semi N. 10.</i>     | 189603. <i>Sanguinello Semi N. 8.</i>  |
| 189592. <i>Biondi Semi N. 11.</i>     | 189604. <i>Sanguinello Semi N. 11.</i> |
| 189593. <i>Biondi Semi N. 12.</i>     | 189605. <i>Sanguigno Semi N. 10.</i>   |
| 189594. <i>Biondi Semi N. 13.</i>     | 189606. <i>Sanguinello Semi N. 13.</i> |
| 189595. <i>Biondi Semi N. 14.</i>     | 189607. <i>Ovali Semi N. 3.</i>        |
| 189596. <i>Sanguigno Semi N. 1.</i>   | 189608. <i>Ovali Semi N. 4.</i>        |
| 189597. <i>Sanguinello Semi N. 2.</i> |  |

189609 and 189610.

From the Netherlands. Seeds presented by the Nederlandsch Heidemaatschappij, Arnhem. Received June 15, 1950.

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|--|----------------|
| 189609. DACTYLIS GLOMERATA L. Poaceae. | Orchard grass. |
| 189610. PHLEUM PRATENSE L. Poaceae.    | Timothy.       |

*Stam Heidemaatij.*

189611. ECHINOCHLOA CRUS-GALLII (L.) Beauv. Poaceae.

Barnyard grass.

From Northern Rhodesia. Seeds presented by Henry Rangeley, Fort Jameson. Received June 15, 1950.

From Luagaw Valley.

189612 to 189619.

From the Union of South Africa. Seeds presented by W. J. Heyns, Clocolan, Orange Free State. Received June 16, 1950.

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| 189612. BROMUS CATHARTICUS Vahl. Poaceae. | Rescue grass. |
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*Nakuri.* Vigorous; prolific seeder.

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| 189613. GLYCINE JAVANICA L. Fabaceae. |  |
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| 189614. PANICUM LONGIJUBATUM Stapf. Poaceae. |  |
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|-------------------------------|---------------|
| 189615. PANICUM MAXIMUM Jacq. | Guinea grass. |
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*Nanuki.*

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| 189616. PANICUM sp. |  |
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*Olipants River.*

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| 189617. SECALE CEREALE L. Poaceae. | Rye. |
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| 189618. SETARIA SPHACELATA (Schum.) Stapf & Hubb. Poaceae. |  |
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*Prishof 1193.*

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| 189619. TRIFOLIUM PRATENSE L. Fabaceae. | Red clover. |
|---|-------------|

*Prishof.*



**189620. STROPHANTHUS COURMONTII Franch. Apocynaceae.**

From Mozambique. Seeds presented by the New York Botanical Garden, Bronx Park, N. Y. Received June 19, 1950.

**189621 to 189623.**

From Angola. Seeds presented by Luis Pereira de Figueiredo, Calulo-Libolo. Received June 19, 1950.

189621. *JATROPHA* sp. Euphorbiaceae.

189622. *STROPHANTHUS* sp. Apocynaceae.

189623. *STROPHANTHUS INTERMEDIUS* Pax.

**189624 to 189633.**

From Brazil. Seeds presented by the Mountain Phytotechnical Experiment Station, Júlio de Castilhos, Rio Grande do Sul. Received June 20, 1950

189624 to 189628. *AVENA SATIVA* L. Poaceae. Oats

189624. *Ascencao.*

189627. *Klein Mar.*

189625. *Bage.*

189628. *Moravia 2.*

189626. *D. Pedrito.*

189629 to 189633. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

189629. *Colonias.*

189632. *Trintani.*

189630. *Lanceiro.*

189633. *Villa Rica.*

189631. *Trapeano.*

**189634. ANNONA CHERIMOLA Mill. Annonaceae. Cherimoya.**

From Peru. Seeds presented by Edwin Anderson, Institute of Inter-American Affairs, Lima. Received June 20, 1950.

**189635 to 189651. STROPHANTHUS spp. Apocynaceae.**

From Switzerland. Seeds presented by Prof. T. Reichstein, Basel. Received June 20, 1950.

189635. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

189636. *STROPHANTHUS BOIVINII* Baill.

189637. *STROPHANTHUS COURMONTII* Franch.

189638. *STROPHANTHUS EMINII* Asch. & Pax.

189639. *STROPHANTHUS GERRARDII* Stapf.

189640. *STROPHANTHUS GRANDIFLORUS* (N. E. Br.) Gilg.

189641. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill.

189642. *STROPHANTHUS HISPIDUS* DC.

189643. *STROPHANTHUS HYPOLEUCUS* Stapf.

189644. *STROPHANTHUS INTERMEDIUS* Pax.

189645. *STROPHANTHUS KOMBE* Oliv.

189646. *STROPHANTHUS MIRABILIS* Gilg.

189647. *STROPHANTHUS NICHOLSONII* Holmes.

189648. *STROPHANTHUS PETERSIANUS* Klotzsch.

189649. *STROPHANTHUS PREUSSII* Engl. & Pax.

189650. *STROPHANTHUS SARMENTOSUS* DC.

189651. *STROPHANTHUS SPECIOSUS* (Ward & Harv.) Reber.

**189652. DIOSCOREA sp. Dioscoreaceae.**

From Mexico. Tuber collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 20, 1950.

No. 1124. Chiapas.

**189653. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.**

From Nigeria. Seeds presented by the University College, Ibadan. Received June 20, 1950.

No. 19832.

**189654 to 189714.**

From Yugoslavia. Scions presented by I. M. Fazlagie, Fruit Institute, Gorazde. Received Mar. 6, 1950.

189654 to 189680. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

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| 189654. No. 47. <i>Bedrika.</i>                      | 189669. No. 56. <i>Prijedorsho Zelinka.</i>   |
| 189655. No. 41. <i>Biela Kisela.</i>                 | 189670. No. 19. <i>Petrovatcha Sharena.</i>   |
| 189656. No. 63. <i>Biela Sunlia.</i>                 | 189671. No. 3. <i>Samoskleae B. Bogiesio.</i> |
| 189657. No. 38. <i>Byelitsa.</i>                     | 189672. No. 43. <i>Sarenikie.</i>             |
| 189658. No. 23. <i>Djulabia.</i>                     | 189673. No. 20. <i>Sareniko slatko.</i>       |
| 189659. No. 31. <i>Domatscha Croena.</i>             | 189674. No. 50. <i>Sareniks Bijel.</i>        |
| 189660. No. 10. <i>Huseinka.</i>                     | 189675. No. 61. <i>Saveina Bistrico.</i>      |
| 189661. No. 2. <i>Kobaglatsha.</i>                   | 189676. No. 55. <i>Sethin.</i>                |
| 189662. No. 60. <i>Limunhie.</i>                     | 189677. No. 13. <i>Tirdaka.</i>               |
| 189663. No. 59. <i>Maishia.</i>                      | 189678. No. 5. <i>Vlahinge.</i>               |
| 189664. No. 51. <i>Masince.</i>                      | 189679. No. 21. <i>Yalac Cerveine.</i>        |
| 189665. No. 18. <i>Mederijaca.</i>                   | 189680. No. 25. <i>Zimnijaca.</i>             |
| 189666. No. 34. <i>Nuscla Huyica</i>                 |   |
| 189667. No. 39. <i>Pamuklije.</i>                    |   |
| 189668. No. 58. <i>Prijedorsho Kiselo Saieinhie.</i> |   |

189681 to 189714. *PYRUS COMMUNIS* L. Malaceae.

**Pear.**

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|--|-------------------------------------|
| 189681. No. 67. <i>Beogradsko.</i>       | 189694. No. 38. <i>Macjinos.</i>    |
| 189682. No. 33. <i>Bilea.</i>            | 189695. No. 51. <i>Mhikie.</i>      |
| 189683. No. 49. <i>Bivorinja.</i>        | 189696. No. 76. <i>Mieajo.</i>      |
| 189684. No. 18. <i>Botarinkia.</i>       | 189697. No. 61. <i>Mojudke.</i>     |
| 189685. No. 35. <i>Braslijenika.</i>     | 189698. No. 72. <i>Pazarkas.</i>    |
| 189686. No. 79. <i>Cavigradhie.</i>      | 189699. No. 64. <i>Petirovkie.</i>  |
| 189687. No. 74. <i>Dalkrhianon.</i>      | 189700. No. 4. <i>Rame Mocioka.</i> |
| 189688. No. 60. <i>Djedovaca.</i>        | 189701. No. 55. <i>Ranhie.</i>      |
| 189689. No. 21. <i>Hasein Begoodsia.</i> | 189702. No. 30. <i>Sarajka.</i>     |
| 189690. No. 50. <i>Hjetnie Kolaensa.</i> | 189703. No. 7. <i>Sevegka.</i>      |
| 189691. No. 57. <i>Hugavia.</i>          | 189704. No. 24. <i>Tlinkia.</i>     |
| 189692. No. 62. <i>Kaneiya.</i>          | 189705. No. 26. <i>Tursyaea.</i>    |
| 189693. No. 14. <i>Slada.</i>            | 189706. No. 3. <i>Vasilija.</i>     |
|  | 189707. No. 69. <i>Wzickie.</i>     |

**189654 to 189714—Continued**189708. No. 27. *Yagodicevo*.189712. No. 10. *Zelenkia*.189709. No. 45. *Yagodka*.189713. No. A1. *Aimnijaia Soline*.189710. No. 46. *Yavac*.189714. No. 23. *Zutiea*.189711. No. 8. *Zajelickov*.**189715 to 189718.**

From Mexico. Tubers collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 22, 1950.

189715. *DIOSCOREA MACROSTACHYA* Benth. Dioscoreaceae.

No. 1120. Tehuantepec, Oaxaca.

189716. *DIOSCOREA* sp.

No. 1121. Near Mexico City.

189717 and 189718. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

189717. No. 1122. Market, Tuxtla Gutiérrez, Chiapas.

189718. No. 1123. Market, San Cristóbal de las Casas, Chiapas.

**189719. DOLICHOS LABLAB L. Fabaceae.****Hyacinth-bean.**

From India. Seeds presented by K. N. Raghavan Nair, Ootacamund, Madras, India. Received June 22, 1950.

**189720 to 189726.**

From Bolivia. Seeds presented by Dr. N. E. Winters, Estación Experimental, El Belén. Received June 22, 1950.

189720. *CHENOPODIUM PALLIDICAULE* Aellen. Chenopodiaceae.No. 2. *Canahua*.189721 to 189726. *CHENOPODIUM QUINOA* Willd.**Quinoa.**189721. No. 1. *Blanca Común*.189724. No. 5. *Quinoa Real*.189722. No. 3. *Quinoa Real*.189725. No. 6. *Coytu Jhupa*.189723. No. 4. *Quinoa Real*.189726. No. 7. *Quinoa Blanca Común*.**189727 to 189729.**

From the Union of South Africa. Budwood presented by Dr. P. A. L. Steyn, Department of Agriculture, Stellenbosch. Received June 22, 1950.

189727. *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae.**Peach.***Goosens*.189728 and 189729. *VITIS VINIFERA* L. Vitaceae.**European grape.**189728. *Canaan*.189729. *Precoce de Malingre*.**189730. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae.****Kudzu.**

From Korea. Seeds collected by Dr. O. J. Wheatley, Agricultural Production Branch, ECA, AMIK, APO 404, San Francisco, Calif. Received June 23, 1950.

**189731 and 189732. STROPHANTHUS GRATUS (Wall. & Hook.)****Baill. Apocynaceae.**

From Western Africa. Seeds presented by Delhaise Andre, Bertona. Received June 26, 1950.

**189731 and 189732—Continued**

189731. No. 1. Yokadouma Province, French Cameroons.

189732. No. 2. Yola, eastern Nigeria.

**189733 to 189734. AVENA SATIVA L. Poaceae.****Oats.**

From Ecuador. Seeds collected by W. V. Harlan, Quito. Received June 26, 1950.

189733. *Nacional 190.*189734. *Pelada 987.***189735 to 189737. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Japan. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 26, 1950.

Collected in Konusu.

189735. No. 49564. *Norin No. 50; Norin No. 9 × Chinchunaga.*189736. No. 49565. *Norin No. 26; Chinchunaga × Saitama No. 29.*189737. No. 49566. *Norin No. 96; Norin No. 16 × Saitama No. 29.***189738 to 189753. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Pakistan. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 26, 1950.

Collected in Karachi.

189738 to 189745. From Sind.

189738. No. 4970. C-591.

189742. No. 49574. H-23-42.

189739. No. 49571. S-518.

189743. No. 49575.

189740. No. 49572. HSW-III.

189744. No. 49576.

189741. No. 49573. A-T-38 ×  
I.P. 12.

189745. No. 49577.

189746 to 189750. From Punjab.

189746. No. 49578.

189749. No. 49581. C-518.

189747. No. 49579. C-591.

189750. No. 49582. C-250.

189748. No. 49580. C-228.

189751. No. 49583. A. T. 38.

189752. No. 49584. Australian wheat.

189753. No. 49586. Punjab wheat.

**189754. AVENA SATIVA L. Poaceae.****Oats.**

From England. Seeds presented by Dr. Herbert Hunter, Pure Seed Company, Ltd., Cambridgeshire. Received June 26, 1950.

*Argentine 12.***189755. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 26, 1950.

From near the Mexican border; altitude 8,000 to 9,000 feet.

**189756. AVENA sp. Poaceae.****Oats.**

From Egypt. Seeds presented by J. H. Harrington, Ministry of Agriculture, Giza, Orman. Received June 26, 1950.

Wild.

**189757 to 189759. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Pakistan. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 26, 1950.

189757. No. 1.

189758. No. 2.

189759. No. 3.

**189760. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Canada. Seeds presented by the Central Experimental Farm, Department of Agriculture, Ottawa. Received June 26, 1950.

*Rideau* (winter). Developed at Ottawa from *Kharkof 22 M.C.* × *Dawson Golden Chaff*.

**189761 and 189762. HORDEUM VULGARE L. Poaceae.****Barley.**

From Sweden. Seeds presented by Yngve Horberg, Landskrona. Received June 26, 1950.

189761. Weibull's original *Herta*.

189762. Weibull's original *Rika*.

**189763 to 189765. HORDEUM VULGARE L. Poaceae.****Barley.**

From Sweden. Seeds presented by Dr. Kare Froier, Sveriges Utsädesföretags, Svalöf. Received June 26, 1950.

189763. *Svalof Bonus-Korn*.

189764. *Svalof Heimdal-Korn*.

189765. *Svalof Prestata-Korn*.

**189766 to 189781.**

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received June 26, 1950.

**189766 and 189767. AVENA SATIVA L. Poaceae.****Oats.**

189766. *Avoine Creme*.

189767. *Avoine Guelma*.

**189768 to 189770. HORDEUM VULGARE L. Poaceae.****Barley.**

189768. *Orge 4a.*

189769. *Orge 14j.*

189770. *Orge Martin*.

**189771 to 189781. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

189771. *Ble Tendre; Florence-Aurore* × *Pusa*.

189772. *Ble Dur 116; Sbei* × *M'Rari*.

189773. *Ble Dur 870; Sindyouk* × *Mahmoudi*.

189774. *Ble Dur 967; Guelma*.

189775. *Ble Dur Roussia*.

189776. *Ble Tendre; Florence* × *Aurore*.

189777. *Ble Dur 117; Mahmoudi* × *M'Rari*.

## 189766 to 189781—Continued

189778. *Ble Dur*; *Chili*.189779. *Ble Dur*; *Mahmoudi*.189780. *Ble Dur D. 115*; *Derbessi-Biskri*  $\times$  *M'Rari*.189781. *Ble Tendre 1366*; *Guelma*.

## 189782 to 189844. TRITICUM AESTIVUM L. Poaceae.

## Common wheat.

From Argentina. Seeds presented by Italo Vigliano, Rosario. Received  
June 27, 1950.

189782.	No. 65.	Sel. 49-4786.	H 456.
189783.	No. 66.	Sel. 49-4789.	H 511.
189784.	No. 67.	Sel. 49-4790.	H 540.
189785.	No. 68.	Sel. 49-4792.	H 540.
189786.	No. 69.	Sel. 49-4796.	H 544.
189787.	No. 70.	Sel. 49-4797.	H 544.
189788.	No. 71.	Sel. 49-4798.	H 544.
189789.	No. 72.	Sel. 49-2728.	H 552.
189790.	No. 73.	Sel. 49-4844.	H 553.
189791.	No. 74.	Sel. 49-4845.	H 553.
189792.	No. 75.	Sel. 49-4847.	H 553.
189793.	No. 76.	Sel. 49-2823.	H 556.
189794.	No. 77.	Sel. 49-2825.	H 557.
189795.	No. 78.	Sel. 49-2858.	H 557.
189796.	No. 79.	Sel. 49-2860.	H 577.
189797.	No. 80.	Sel. 49-4805.	H 603.
189798.	No. 81.	Sel. 49-4806.	H 603.
189799.	No. 82.	Sel. 49-4807.	H 603.
189800.	No. 83.	Sel. 49-4838.	H 603.
189801.	No. 84.	Sel. 49-4824.	H 608.
189802.	No. 85.	Sel. 49-4825.	H 608.
189803.	No. 86.	Sel. 49-4826.	H 608.
189804.	No. 87.	Sel. 49-4809.	H 653.
189805.	No. 88.	Sel. 49-4827.	H 653.
189806.	No. 89.	Sel. 49-4840.	H 653.
189807.	No. 90.	Sel. 48-3559.	H 718.
189808.	No. 91.	Sel. 49-4810.	H 720.
189809.	No. 92.	Sel. 49-4811.	H 720.
189810.	No. 93.	Sel. 49-4829.	H 720.
189811.	No. 94.	Sel. 49-4841.	H 720.
189812.	No. 95.	Sel. 49-4812.	H 797.
189813.	No. 96.	Sel. 48-2810.	H 836.
189814.	No. 97.	Sel. 49-4816.	H 912.
189815.	No. 98.	Sel. 49-4817.	H 917.
189816.	No. 99.	Sel. 49-4830.	H 944.

**189782 to 189844—Continued**

189817. No. 100. Sel. 49-4842. H 961.  
 189818. No. 101. Sel. 49-4762. H 1035.  
 189819. No. 102. Sel. 49-4763. H 1035.  
 189820. No. 103. Sel. 49-4764. H 1035.  
 189821. No. 104. Sel. 49-4831. H 1035.  
 189822. No. 105. Sel. 49-2802. H 1037.  
 189823. No. 106. Sel. 49-2803. H 1037.  
 189824. No. 107. Sel. 49-4768. H 1037.  
 189825. No. 108. Sel. 49-4770. H 1055.  
 189826. No. 109. Sel. 49-2810. H 1070.  
 189827. No. 110. Sel. 49-2849. H 1070.  
 189828. No. 111. Sel. 49-2850. H 1070.  
 189829. No. 112. Sel. 49-2851. H 1070.  
 189830. No. 113. Sel. 49-2852. H 1073.  
 189831. No. 114. Sel. 49-2914. H 1096.  
 189832. No. 115. Sel. 49-3578. H 1104.  
 189833. No. 116. Sel. 47-691. H 1130.  
 189834. No. 117. Sel. 49-4819. H 1131.  
 189835. No. 118. Sel. 49-4780. H 1147.  
 189836. No. 119. Sel. 49-4820. H 1147.  
 189837. No. 120. Sel. 49-2799. H 1148.  
 189838. No. 121. Sel. 49-2800. H 1148.  
 189839. No. 122. Sel. 49-4781. H 1161.  
 189840. No. 123. Sel. 49-2854. H 1168.  
 189841. No. 124.  
 189842. No. 125.  
 189843. No. 126.  
 189844. No. 127.

**189845 to 189855.**

From Mexico. Plant material collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 28, 1950.

Unless otherwise noted, material is seeds.

**189845. DIOSCOREA sp. Dioscoreaceae.**

No. 14313. Pan-American Highway, Oaxaca.

**189846. DIOSCOREA sp.**

No. 14314. Punte Niltpec, Oaxaca.

**189847. DIOSCOREA sp.**

No. 14315. Pan-American Highway, Oaxaca.

**189848. DIOSCOREA sp.**

No. 14316. Pan-American Highway, Oaxaca.

**189849. DIOSCOREA sp.**

No. 14317. Pan-American Highway, Oaxaca.

## 189845 to 189855—Continued

189850. DIOSCOREA sp.

No. 14320. Tuxtla Gutiérrez, Chiapas.

189851. DIOSCOREA sp.

No. 14321. Tuxtla Gutiérrez, Chiapas.

189852. DIOSCOREA sp.

No. 14338. El Palmar, Veracruz.

189853. DIOSCOREA sp.

No. 14318. Oaxaca. Oaxaca State. (Tubers.)

189854. SEDUM sp. Crassulaceae.

No. 1082. Cerro Gordo, Veracruz. (Plants.)

189855. SMILAX sp. Smilacaceae.

No. 14262. Mirador, Veracruz. May 19, 1950. Vine climbing to 40 feet; roots at nodes. (Tubers.)

189856. EUGENIA CARYOPHYLLATA Thunb. Myrtaceae. **Clove.**From Ceylon. Seeds presented by the Royal Botanic Garden, Peradeniya.  
Received July 5, 1950.

189857 to 189969. GLYCINE MAX (L.) Merr. Fabaceae.

**Soybean.**

From France. Seeds presented by the Section de Botanique, Nogent-sur-Marne. Received June 28, 1950.

189857. B 1. *Grignon 17.*189877. J 3. *SS.*189858. B 2. *Chestnut*  
*Washington.*189878. J 4. *Mandchourie.*189859. B 3. *Light Brown.*189879. J 5. *Tulowka.*189860. B 4. *Starachramiskaya.*189880. J 6. *Bitterhof.*189861. B 5. *Grignon 18.*189881. J 7. *Zelena Echo.*189862. B 6. *Brun Matif Rouest.*189882. J 8. *Dieckmanns*  
*Helgelb.*189863. B 7. *Grignon 59.*189883. J 10. *Dieckmanns*  
*Frühegelb.*189864. B 8. *Early Brown.*189884. J 11. *Grignon 14.*189865. B 9. *Soy Sota.*189885. J 12. *Hatto Jaune.*189866. B 10. *Brown, very small.*189886. J 13. *Jaune de Desme.*189867. B 11. *Vilnensis.*189887. J 14. *Mandarin*  
*Washington.*189868. B 12. *Grignon 19 Gousse*  
*Sepia.*189888. J 15. *Mandarin Ottawa.*189869. B 13. *Grignon 39 Gousse*  
*Jaune.*189889. J 16. *Mandarin*  
*Roundnice.*189870. B 14. *Grignon 3.*189890. J 17. *Mandarin Yova.*189871. B 15. *Grignon 15.*189891. J 18. *Graine Jaune*  
*Unie.*189872. B 16. *Commercial Huilerie*  
*Nord.*189892. J 19. *Reoz 20bis.*189873. B 17. *Miko Saumon.*189893. J 20. *Grignon 5 14/9.*189874. B 17. (No. 2) *Ochroleuca.*189894. J 21. *Dippe Frühe Gelbe*  
*14/9.*189875. J 1. *Kamianetz Graine*  
*Jaune Unie.*189895. J 22. *Stamm 108*  
*Mabelfortsetz 84.*189876. J 2. *Weka.*



## 189857 to 189969—Continued

- |   |   |
|---|---|
| 189896. J 23. <i>Giessner Stamm 63.</i> | 189934. J 61. <i>Dunfield.</i>          |
| 189897. J 24. <i>Rouest 71 14/9.</i>    | 189935. J 62. <i>Soja 2.</i>            |
| 189898. J 25. <i>Grignon 45.</i>        | 189936. J 63. <i>Dr. Brillmeyer.</i>    |
| 189899. J 26. <i>Rouest 104.</i>        | 189937. J 64. <i>Semilutea.</i>         |
| 189900. J 27. <i>Grignon 41.</i>        | 189938. J 65. <i>Mediascher</i>         |
| 189901. J 28. <i>Grignon 21.</i>        | <i>Branne.</i>                          |
| 189902. J 29. <i>Rouest 29.</i>         | 189939. N 2. <i>Poppeldsdorf</i>        |
| 189903. J 8. <i>Kouban 0375.</i>        | <i>3/1225.</i>                          |
| 189904. J 31. <i>Tokio Jaune Oeil</i>   | 189940. N 3. <i>Rouest 13 Al 2</i>      |
| <i>Brun.</i>                            | <i>14/9.</i>                            |
| 189905. J 32. <i>Precoce de Milly.</i>  | 189941. N 4. <i>Rouest 1.</i>           |
| 189906. J 33. <i>Halton.</i>            | 189942. N 5. <i>Polleldsdorf 43-20.</i> |
| 189907. J 34. <i>Helun n01.</i>         | 189943. N 6. <i>Black 0.</i>            |
| 189908. J 35. <i>Dieckmanns</i>         | 189944. N 7.                            |
| <i>Grüngelbe.</i>                       | <i>Amourskayachortnaya.</i>             |
| 189909. J 36. <i>Yellow J.</i>          | 189945. N 8. <i>C F.</i>                |
| 189910. J 37. <i>Mandchu Hudson.</i>    | 189946. N 9. <i>Tubingen.</i>           |
| 189911. J 38. <i>Ried 528.</i>          | 189947. N 10. <i>Grignon 6.</i>         |
| 189912. J 39. <i>Minsoy.</i>            | 189948. N 11. <i>De Karbine.</i>        |
| 189913. J 40. <i>Braugelbe II.</i>      | 189949. N 12. <i>Japonica.</i>          |
| 189914. J 41. <i>Harbinson.</i>         | 189950. N 13. <i>Cosse Lisse.</i>       |
| 189915. J 42. <i>Scheoken.</i>          | <i>Seeds black, small.</i>              |
| 189916. J 43. <i>Ta Ching Mi</i>        | 189951. N 14. <i>Cosse Velue.</i>       |
| <i>Hwang Tau Tsa.</i>                   | <i>Seeds black, small.</i>              |
| 189917. J 44. <i>Nordeutsche Gelbe.</i> | 189952. N 15. <i>Nordeutsche</i>        |
| 189918. J 45. <i>Dans Desmarais.</i>    | <i>Swarts Matt.</i>                     |
| 189919. J 46. <i>Visuson.</i>           | 189953. N 16. <i>Dieckmanns</i>         |
| 189920. J 47. <i>Ito San.</i>           | <i>Schwarze SS.</i>                     |
| 189921. J 48. <i>Rouest 82 Jaune</i>    | 189954. N 17. <i>Cayuga.</i>            |
| <i>Panache.</i>                         | 189955. N 18. <i>Noir des Freres</i>    |
| 189922. J 48. <i>Rouest 82 Jaune</i>    | <i>Dippeo.</i>                          |
| <i>Mat.</i>                             | 189956. N 19.                           |
| 189923. J 49. <i>Dans Ossijek II.</i>   | 189957. N 20. <i>Tokio Noir.</i>        |
| 189924. J 50. <i>Graine Jaune.</i>      | 189958. N 21. <i>Noir Vah.</i>          |
| 189925. J 51. <i>American Yellow.</i>   | 189959. N 22. <i>Noir de Braumann.</i>  |
| 189926. J 52. <i>Washington 37563.</i>  | 189960. N 23. <i>Oscar Dickmann.</i>    |
| 189927. J 53. <i>Harrow Mandchu.</i>    | 189961. N 24. <i>Rouest 117.</i>        |
| 189928. J 54. <i>Rouest Garola.</i>     | 189962. V 1. <i>Green 14/9.</i>         |
| 189929. J 56. <i>Mandchu Argentine.</i> | 189963. V 2. <i>Geant Vert.</i>         |
| 189930. J 57. <i>Mandchurische.</i>     | 189964. V 3. <i>Seeds light green.</i>  |
| 189931. J 58. <i>Jaune de</i>           | 189965. V 4. <i>Seeds green.</i>        |
| <i>Mandchouria.</i>                     | 189966. V 5. <i>Grignon 22.</i>         |
| 189932. J 59. <i>Rouest 85.</i>         | 189967. V 6. <i>Seeds greenish.</i>     |
| 189933. J 60. <i>Kleverhof 527.</i>     | 189968. V 7. <i>Tokio.</i>              |
|   | 189969. V 8. <i>Erectus.</i>            |

**189970. (Undetermined.)**

From Mexico. Tuber presented by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 29, 1950.

No. 1126. Cuernavaca.

**189971. POA BULBOSA L. Poaceae.****Bulbous bluegrass.**

From Turkey. Seeds presented by Merrill N. Iseby, American Hospital, Gaziantep. Received July 7, 1950.

**189972 to 190049.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered June 29, 1950.

Plants originally from Lt. Col. B. R. Lewis, American Embassy, Caracas, Venezuela. Collected at places indicated.

189972. ZEPHYRANTHES GRANDIFLORA Lindl. Amaryllidaceae.

189973 to 189976. CATTLEYA MOSSIAE Parket. Orchidaceae.

189973. No. 11. Flower with dark lip.

189974. No. 10.

189975. Flowers of various colors.

189976. Flower with dark spots on petals.

189977. CATTLEYA PERCIVALIANA O'Brien.

No. 46.

189978. CATTLEYA GASTELIANA Reichenb. f.

Estado Sucre.

189979. CATTLEYA SKINNERI Batem.

No. 23.

189980. CATTLEYA DOWIANA Batem.

No. 22.

189981 to 189985. CATTLEYA LUEDDEMANNIANA Reichenb. f.

189981. No. 40.

189984. Flowers white.

189982. Red variety. Near Caracas. 189985. Flowers white.

189983. No. 42. Flowers white.

189986. CATTLEYA sp.

No. 21. Flowers white. Colombia.

189987. EPIDENDRUM CILIARE L. Orchidaceae.

189988. LAELIA sp. Orchidaceae.

Basal inflorescence. Barinas, Venezuela.

189989. LAELIA sp.

Barinas, Venezuela.

189990. CYRTOPODIUM sp. Orchidaceae.

189991. EPIDENDRUM ONCIDIODES Lindl. Orchidaceae.

No. 17. Miranda, Venezuela.

189992. EPIDENDRUM ATROPURPUREUM Willd.

No. 6.

189993. EPIDENDRUM CILIARE L.

No. 36.

## 189972 to 190049—Continued

189994. EPIDENDRUM FRAGRANS Sw.

No. 18. Barinas, Venezuela.

189995. MASDEVALLIA sp. Orchidaceae.

No. 4. Junquito, Venezuela.

189996. EPIDENDRUM sp. Orchidaceae.

189997. EPIDENDRUM DIURNUM Poir.

No. 5. Trujilla Mountains, Venezuela.

189998. EPIDENDRUM sp.

No. 20.

189999. EPIDENDRUM STENOPETALUM Hook.

No. 53. San Juan de los Cavos.

190000 and 190001. CYCNOCHES CHLOROCHILON Lindl. Orchidaceae.

190000. Near Caracas, Venezuela.

190001. Panama.

190002. CATASETUM PILEATUM Reichenb. f. Orchidaceae.

No. 50. Flowers white. Caracas, Venezuela.

190003. CATASETUM MACROCARPUM Kunth.

No. 51.

190004. CATASETUM sp.

No. 54. Trujillo Mountains, Venezuela.

190005. CATASETUM sp.

No. 52. San Francisco de Cara, Arauca.

190006. CATASETUM sp.

Alto Orinoco.

190007. MORMODES sp. Orchidaceae.

No. 45. La Grita, Mérida.

190008 and 190009. ONCIDIUM CEBOLLETA Swartz. Orchidaceae.

190008. (No special data.)

190009. No. 8A. Barinas.

190010. ONCIDIUM KRAMERIANUM Reichenb. f.

No. 34A. Caracas.

190011. ONCIDIUM AMPLIATUM Lindl.

190012. ONCIDIUM CARTHAGINENSE (Jacq.) Sw.

190013. BRASSAVOLA NODOSA (L.) Lindl. Orchidaceae.

190014. BRASSAVOLA sp.

Yaracuy, Venezuela.

190015. ACINETA sp. Orchidaceae.

No. 12. Rancho Grande, Venezuela.

190016. GONGORA sp. Orchidaceae.

No. 2. Rancho Grande.

190017. DIACRIUM sp. Orchidaceae.

190018. PERISTERIA ELATA Hook. Orchidaceae.

No. 36.

## 189972 to 190049—Continued

190019. *LAELIA* sp. Orchidaceae.

Growing as a terrestrial plant.

190020. (Undetermined.)

190021. (Undetermined.)

190022. (Undetermined.)

190023. (Undetermined.)

190024. (Undetermined.)

190025. *XYLOBIUM FOVEOLATUM* (Lindl.) Nichols. Orchidaceae.190026. *EPIDENDRUM* sp. Orchidaceae.190027. *EPIDENDRUM* sp.190028. *ONCIDIUM* sp. Orchidaceae.190029. *ONCIDIUM* sp.

190030. (Undetermined.)

190031. (Undetermined.)

190032. (Undetermined.)

190033. (Undetermined.)

190034. (Undetermined.)

190035. (Undetermined.)

190036. (Undetermined.)

190037. (Undetermined.)

190038. *CATTLEYA* sp. Orchidaceae.

Miranda, Venezuela.

190039. (Undetermined.)

190040. (Undetermined.)

190041. (Undetermined.)

190042. (Undetermined.)

190043. *BRASSAVOLA CUCULLATA* R. Br. Orchidaceae.190044. *ONCIDIUM* sp. Orchidaceae.190045. *SOBRALIA* sp. Orchidaceae.

No. 3. Barinas, Venezuela.

190046. *EPIDENDRUM MOYOBAMBAE* Kranzl. Orchidaceae.

Plant terrestrial. Mérida, Venezuela.

190047. *EPIDENDRUM* sp.

Mérida.

190048. *BRASSIA* sp. Orchidaceae.190049. *STANHOPEA* sp. Orchidaceae.

No. 32. Yaracuy, Venezuela.

## 190050 and 190051.

From Yugoslavia. Seeds presented by I. M. Fazlagic, University of Belgrade, Belgrade. Received June 30, 1950.

190050. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

190051. *PYRUS AMYGDALIFORMIS* Vill. Malaceae.

Almond pear.

**190052 to 190055. FAGOPYRUM spp. Polygonaceae.**

From France. Seeds presented by the Station de l'Amelioration des Plantes, Rennes. Received June 30, 1950.

**190052. FAGOPYRUM ESCULENTUM Moench.**

**Buckwheat.**

*Tartarie Noir.*

**190053 to 190055. FAGOPYRUM TATARICUM (L.) Gaertn. Kangra buckwheat.**

**190053. Argent Rond St. George.**

**190054. Argent Gros Trigone.**

**190055. Petit Prussien.**

**190056 to 190059.**

From Belgium. Seeds presented by the Hortus Botanicus, Antwerp. Received June 30, 1950.

**190056. LUPINUS MUTABILIS Sweet. Fabaceae. South American lupine.**

**190057. LUPINUS PERENNIS L. Sun-dial lupine.**

**190058. LUPINUS POLYPHYLLUS Lindl. Washington lupine.**

**190059. TRIFOLIUM OCHROLEUCON Huds. Fabaceae.**

**190060 to 190067. BOUTELOUA CURTIPENDULA (Michx.) Torr.**

**Poaceae. Side-oats grama.**

From Kansas. Seeds presented by Kling L. Anderson, Kansas State College, Manhattan. Received July 3, 1950.

Collected in 1949.

**190060. No. 22. Paxico. Sept. 8.**

**190061. No. 37. Three miles northeast of Eskridge. Sept. 8.**

**190062. No. 38.**

**190063. No. 55. One mile east of Hessdale. Sept. 8.**

**190064. No. 56.**

**190065. No. 127. Near Williamsburg. Sept. 27.**

**190066. No. 135. Near Williamsburg. Sept. 27.**

**190067. No. 148. Near Albany. Sept. 28.**

**190068 to 190081.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received July 3, 1950.

**190068. CAPSICUM PUBESCENS Ruiz & Pav. Solanaceae.**

Chajzunil, Huehuetenango.

**190069 to 190080. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

Seeds black.

**190069. Yulchiz, San Pedro Soloma.**

**190070. Kaj Jela. Jacaltenango.**

**190071. Kaj Tsinapul. Jacaltenango.**

**190072. K'os. Huehuetenango.**

**190073. Kupal. Jema, San Pedro, Soloma.**

**190074. Nimex Jat. Jacaltenango.**

**190075. Otz K'al Tsaik. Jacaltenango.**

## 190068 to 190081—Continued

190076. *O'ez Omon*. Jacaltenango.  
 190077. *O'ez Ton*. Jacaltenango.  
 190078. *O'ez Tsinap'ul*. Jacaltenango.  
 190079. *Saj Hupal*. Jacaltenango.  
 190080. *Ubal*. Chajzunil, Huehuetenango.  
 190081. *ZEA MAYS* L. Poaceae. Corn.  
 Jacaltenango.

190082 to 190091. *MEDICAGO TRIBULOIDES* Desr. Fabaceae.

From Australia. Seeds presented by J. R. A. McMillan, University of Sydney, Sydney, New South Wales. Received July 5, 1950.

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|--------------------------|---------------------|
| 190082. Commercial type. | 190087. M. Tr. 170. |
| 190083. M. Tr. 126.      | 190088. M. Tr. 172. |
| 190084. M. Tr. 150.      | 190089. M. Tr. 173. |
| 190085. M. Tr. 154.      | 190090. M. Tr. 175. |
| 190086. M. Tr. 165.      | 190091. M. Tr. 357. |

## 190092 to 190098.

From Belgium. Seeds presented by the Hortus Botanicus, Brussels. Received July 6, 1950.

190092. *DACTYLIS ASCHERSONIANA* Graebn. Poaceae.  
 190093 and 190094. *LOTUS ULIGINOSUS* Schkuhr. Fabaceae. Big trefoil.  
 190093. No. 1.  
 190094. No. 2.  
 190095. *LUPINUS LUTEUS* L. Fabaceae. European yellow lupine.  
 190096. *LUPINUS PERENNIS* L. Sun-dial lupine.  
 190097. *LUPINUS POLYPHYLLUS* Lindl. Washington lupine.  
 190098. *TRIFOLIUM MONTANUM* L. Fabaceae.

## 190099 to 190102.

From Iran. Seeds presented by Abdullah Izadi, Tehran. Received July 7, 1950.

190099. *ALYSSUM* sp. Brassicaceae.  
 No. 2.  
 190100. *OCIMUM BASILICUM* L. Menthaceae. Basil.  
 No. 1.  
 190101. *OCIMUM* sp.  
 No. 3.  
 190102. *PLANTAGO PSYLLIUM* L. Plantaginaceae. Psyllium.  
 No. 4.

190103. *PENNISETUM SETOSUM* (Swartz) L. Rich. Poaceae.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received July 7, 1950.

Originally from the Belgian Congo.

**190104 and 190105. FAGOPYRUM spp. Polygonaceae.**

From France. Seeds presented by the Director, Station de l'Amelioration des Plantes, Rennes. Received July 7, 1950.

**190104. FAGOPYRUM ESCULENTUM Moench.**

**Buckwheat.**

*Coque d'Argent.*

**190105. FAGOPYRUM TATARICUM (L.) Gaertn.**

**Kangra buckwheat.**

*Arites Arrondies.*

**190106. PRUNUS PADUS L. Amygdalaceae.**

**European bird cherry.**

From Switzerland. Seeds presented by Dr. S. Blumer, Oberland, Berne. Received Sept. 13, 1950.

**190107. CHENOPODIUM QUINOA Willd. Chenopodiaceae. Quinoa.**

From Peru. Seeds presented by the Agricultural Attaché, American Embassy, Lima. Received July 7, 1950.

**190108. CHENOPODIUM QUINOA Willd. Chenopodiaceae. Quinoa.**

From Chile. Seeds presented by Carlos Muñoz, Santiago. Received July 7, 1950.

**190109 and 190110.**

From the Belgian Congo. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 7, 1950.

**190109. CROTALARIA sp. Fabaceae.**

Leopoldville.

**190110. VIGNA CYLINDRICA (L.) Skeels. Fabaceae.**

**Catjang.**

Leopoldville.

**190111 to 190118.**

From Mexico. Collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 10, 1950.

**190111 and 190112. GOSSYPIUM. Malvaceae.**

**Cotton.**

**190111. No. 1124. The Pan-American Highway, Puebla. Seeds.**

**190112. No. 1122. San José Purua, Michoacán. Seeds.**

**190113. PHASEOLUS VULGARIS L. Fabaceae.**

**Common bean.**

No. 1123. Morelia, Michoacán. Seeds.

**190114 to 190116. From Morelia, Michoacán. June 21, 1950. Tubers.**

**190114. SOLANUM sp. Solanaceae.**

No. 14373.

**190115. SOLANUM sp.**

No. 14374.

**190116. SOLANUM sp.**

No. 14375.

**190117. DIOSCOREA sp. Dioscoreaceae.**

No. 14370.

**190118. DIOSCOREA sp.**

No. 14371.

**190119 and 190120. ORYZA SATIVA L. Poaceae. Rice.**

From the Federated Malay States. Seeds presented by the Department of Agriculture, Kuala Lumpur. Received July 10, 1950.

190119. *Haji Haroun*.

190120. *Siam 29*.

**190121 to 190125.**

From New Zealand. Seeds presented by L. W. Gorman, Grasslands University, Palmerston. Received July 10, 1950.

190121 and 190122. PHLEUM PRATENSE L. Poaceae. Timothy.

190121. Bd. 222.

190122. Bd. 234.

190123 to 190125. TRIFOLIUM REPENS L. Fabaceae. White clover.

190123. Ac. 2609.

190124. Ac. 2610.

190125. Ac. 2636.

**190126 and 190127. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.**

From Cuba. Seeds presented by Joe E. Walker, Havana. Received July 10, 1950.

190126. *Cu 1-2*. Tingo Maria, Peru.

190127. *Cu 1-A1*. El Salvador.

**190128 to 190148.**

From Denmark. Seeds presented by the Universitetets Botaniske Have, Copenhagen. Received July 12, 1950.

190128. DACTYLIS ASCHERSONIANA Graebn. Poaceae.

190129. DACTYLIS GLOMERATA L. Orchard grass.

Received as forma *pallida*, an apparently unpublished name.

190130. LOTUS CONJUGATUS L. Fabaceae.

Received as var. *L. requienii*, an apparently unpublished name.

190131. LOTUS HISPIDUS Desf.

190132. LOTUS JACOBÆUS L.

190133. LUPINUS ARBOREUS Sims. Fabaceae. Tree lupine.

190134. LUPINUS ELEGANS H. B. K.

190135. LUPINUS POLYPHYLLUS Lindl. Washington lupine.

190136. LUPINUS SUCCULENTUS Dougl.

190137. MEDICAGO CARSTIENSIS Wulf. Fabaceae.

190138. MEDICAGO SATIVA  $\times$  FALCATA.

190139. TRIFOLIUM ALPESTRE L. Fabaceae.

190140. TRIFOLIUM ARVENSE L. Rabbit-foot clover.

190141. TRIFOLIUM BALANSAE Boiss.

190142. TRIFOLIUM LEUCANTHUM Bieb.

190143. TRIFOLIUM MARITIMUM Huds.

190144. TRIFOLIUM PARVIFLORUM Ehrh.

190145. TRIFOLIUM PILULARE Boiss.



**190128 to 190148—Continued**

190146. TRIFOLIUM REPENS L.

White clover.

*Atropurpureum.*

190147. TRIFOLIUM RUBENS L.

190148. TRIFOLIUM AGRARIUM L.

**190149 and 190150.**

From Sweden. Seeds presented by the Hortus Botanicus, Stockholm. Received July 12, 1950.

190149. TRIFOLIUM HELDREICHIANUM Hausskn. Fabaceae.

190150. TRIFOLIUM AGRARIUM L.

**190151 to 190162. TRITICUM AESTIVUM L. Poaceae.**

Common wheat.

From Germany. Seeds presented by the Institut für Resistenzprüfung, Braunschweig-Gliesmarode. Received July 12, 1950.

190151. *Abundance Goldcoin.*190157. *Roter Tiroler Spelz.*190152. *Fagers Albweizen.*190158. *Rottweiler Dinkel.*190153. *Hildebrandts Weiper Viktoria.*190159. *Rufenach 6.*190154. *Kostlins Hohenheimer Bastard.*190160. *Sizilianischer Binkel.*190155. *Loosdorfer.*190161. *Svalof's Sounen I.*190156. *Mettes Rauhwizen.*190162. *Weiper Holbenspelz.***190163 to 190174.**

From England. Seeds presented by the Royal Botanic Gardens, Kew, Surrey. Received July 13, 1950.

190163. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

190164. LUPINUS AFFINIS Agardh. Fabaceae.

Early lupine.

190165. LUPINUS DOUGLASII Agardh.

190166. LUPINUS HIRSUTUS L.

European blue lupine.

190167. LUPINUS MUTABILIS Sweet.

South American lupine.

190168. LUPINUS NANUS Dougl.

190169. LUPINUS POLYPHYLLUS Lindl.

Washington lupine.

190170. LUPINUS SUBCARNOSUS Hook.

190171. LUPINUS sp.

Received as *L. albo-coccineus*, an apparently unpublished name.

190172. MEDICAGO CUNEATA J. Woods. Fabaceae.

190173. MEDICAGO SATIVA  $\times$  LUPULINA.

190174. TRIFOLIUM REPENS L. Fabaceae.

White clover.

*Atropurpureum.***190175 to 190177.**

From Australia. Seeds presented by the Waite Agricultural Research Institute, Adelaide, South Australia. Received July 14, 1950.

190175. CUPRESSUS SEMPERVIRENS L. Pinaceae.

Italian cypress.

190176. CUPRESSUS TORULOSA Don.

Bhutan cypress.

190177. PENNISETUM CLANDESTINUM Hochst. Poaceae.

Kikuyu grass.

**190178 and 190179.**

From Australia. Seeds presented by N. E. Shirlow, Department of Agriculture, Sydney, New South Wales. Received July 17, 1950.

190178. *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

190179. *TRIFOLIUM REPENS* L. Fabaceae.

**White clover.**

190180. *CAJANUS CAJAN* (L.) Druce. Poaceae.

**Pigeonpea.**

From Puerto Rico. Seeds presented by the Federal Experiment Station, Río Piedras. Received July 17, 1950.

*Blanco de Yauco.*

190181. *PLATANUS WRIGHTII* S. Wats. Platanaceae.

From Washington. Plants presented by the University of Washington Arboretum, Seattle. Received July 17, 1950.

190182. *SACCHARUM*. Poaceae.

**Sugarcane.**

From Colombia. Cuttings presented by the Agricultural Experiment Station, Palmira, Valle. Received July 17, 1950.

*E. P. C. 38. 304.*

**190183 to 190191.**

From Mexico. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 17, 1950.

190183. *CISSUS* sp. Vitaceae.

No. 1129. Tuxtla Gutierrez, Chiapas.

190184. *CUCUMIS MELO* L. Cucurbitaceae.

**Muskmelon.**

No. 1133. Tuxtla Gutierrez, Chiapas.

190185. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

**Cushaw.**

No. 1127. Jalapa, Veracruz.

190186. *DELPHINIUM* sp. Scrophulariaceae.

No. 1132. Huauchinango, Puebla.

190187. *DIOSCOREA* sp. Dioscoreaceae.

No. 1128. Rincon Vaquero, Oaxaca.

190188. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

**Tomato.**

No. 1125. Mitla, Oaxaca. May 27, 1950.

190189. *NICOTIANA* sp. Solanaceae.

No. 1126. Mitla, Oaxaca. May 27, 1950.

190190. *VIGNA* sp. Fabaceae.

No. 1130. Veracruz, Veracruz State.

190191. *VIGNA* sp.

No. 1131. Veracruz, Veracruz State.

190192. *ORYZA SATIVA* L. Poaceae.

**Rice.**

From Ecuador. Seeds presented by Enrique von Buchwald, Guayaquil. Received July 19, 1950.

**190193 and 190194.**

From Mozambique. Seeds presented by J. Gomes Pedro, Lourenço Marques. Received July 20, 1950.

190193. *STROPHANTHUS GERRARDII* Stapf. Apocynaceae.

190194. *STROPHANTHUS GRANDIFLORUS* (N. E. Br.) Gilg.

**190195 and 190196. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Ecuador. Seeds presented by W. V. Harlan, Estación Experimental Agrícola, Quito. Received July 21, 1950.

190195. *Bola*.190196. *Ciento Cincuenta*.**190197 to 190199. ORYZA SATIVA L. Poaceae.****Rice.**

From Brazil. Seeds obtained in Rio Grande do Sul, by the United Nations Food and Agriculture Organization, Washington, D. C. Received July 21, 1950.

190197. *Agulna*.190198. *Blue Rose*.190199. *Japonez*.**190200 to 190212.**

From Europe. Seeds presented by E. E. Rodemacher, Nakomis, Ill. Received July 21, 1950.

**190200 to 190211. HORDEUM VULGARE L. Poaceae.****Barley.**190200. *Aurore 1*.190206. *Forezia 2*.190201. *Aurore 2*.190207. *Hanker's Sommergerste*.190202. *Chevalier*.190208. *Isaria*.190203. *Eglfinger Monachia*.190209. *Kenia*.190204. *Erika*.190210. *Rene Guillemart*.190205. *Forezia 1*.190211. *Sarah*.**190212. VICIA SATIVA L. Fabaceae.****Common vetch.****190213. CLETHRA ALNIFOLIA L. Clethraceae.**

From Washington, D. C. Cuttings obtained from the National Arboretum. Received August 16, 1950.

*Pinkspire*.**190214 to 190247.**

From the Union of South Africa. Seeds presented by H. V. Elden, Department of Agriculture, Pretoria, Transvaal. Received July 25, 1950.

**190214 to 190216. ALLIUM CEPA L. Liliaceae.****Onion.**190214. *Australian Brown*.190215. *Early Cape Flat*.190216. *Texas Cape Flat*.**190217. ALLIUM PORRUM L.****Leek.***Broadflag*.**190218 and 190219. BETA VULGARIS L. Chenopodiaceae.****Beet.**190218. *Detroit*.190219. *Flat Egyptian*.**190220 and 190221. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae.****Cauliflower.**190220. *All Year Round*.190221. *Southern Cross*.

## 190214 to 190247—Continued

190222. BRASSICA OLERACEA var. CAPITATA L. **Cabbage.**  
*Cap Spitzkool.*
190223. CICHORIUM INTYBUS L. Asteraceae. **Chicory.**  
*Magdeburg.*
190224. CITRULLIS VULGARIS Schrad. Cucurbitaceae. **Watermelon.**  
*Wondermelon.*
- 190225 and 190226. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**  
 190225. *Hales Best.*  
 190226. *Honey Dew.*
190227. CUCUMIS SATIVUS L. **Cucumber.**  
*Early Fortune.*
- 190228 and 190229. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. **Squash.**  
 190228. *Little Gem.*  
 190229. *Long Green Bush.*
190230. CUCURBITA PEPO L. **Pumpkin.**  
*Flat White Boer.*
- 190231 and 190232. DAUCUS CAROTA L. Apiaceae. **Carrot.**  
 190231. *Cape Market.*  
 190232. *Chantenay.*
- 190233 to 190236. LACTUCA SATIVA L. Asteraceae. **Lettuce.**  
 190233. *American Picking.* 190235. *New York 12.*  
 190234. *May King.* 190236. *Tom Thumb.*
- 190237 to 190239. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**  
 190237. *Houtbaai.*  
 190238. *Marvel.*  
 190239. *Rutgers.*
- 190240 to 190244. PISUM SATIVUM L. Fabaceae. **Pea.**  
 190240. *Greenfeast.* 190243. *Onward.*  
 190241. *Harisons Glory.* 190244. *Stratagem.*  
 190242. *Little Marvel.*
190245. RAPHANUS SATIVUS L. Brassicaceae. **Radish.**  
*Sparklet.*
190246. VICIA FABA L. Fabaceae. **Broadbean.**  
*Hangdown Longpod.*
190247. ZEA MAYS L. Poaceae. **Corn.**  
*Stowell's Evergreen.*

190248 to 190250. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From New Zealand. Tubers presented by Winston Ltd., Auckland. Received July 26, 1950.

190248. *Myers Early.*  
 190249. *New Zealand Pink.*  
 190250. *New Zealand Red.*

**190251 to 190254.**

From Italy. Seeds presented by the Università Degli Studi, Torino. Received July 27, 1950.

190251. *TRIFOLIUM SPUMOSUM* L. Fabaceae.

190252. *VICIA AURANTIA* Boiss. Fabaceae.

190253. *VICIA DUMETORUM* L.

190254. *VICIA NARBONENSIS* L.

**190255. ONOBRYCHIS sp. Fabaceae.**

From Cyprus. Seeds collected by A. T. Semple, United Nations Food and Agriculture Organization, Rome, Italy. Received July 28, 1950.

Larnaca, southwestern Cyprus. May 6, 1950.

**190256. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From New Caledonia. Seeds presented by the Service de l'Agriculture, Nouméa. Received July 28, 1950.

**190257 to 190259.**

From Algeria. Seeds presented by Prof. P. Laumont, Chef du Service de l'Experimentation Agricole, Maison-Carrée. Received July 28, 1950.

190257. *MEDICAGO ARBOREA* L. Fabaceae.

Tree alfalfa.

190258 and 190259. *MEDICAGO SATIVA* L.

Alfalfa.

190258. *Luzerne du Turkestan*.

190259. *Luzerne de Lybie*.

**190260 to 190265.**

From Mexico and the Belgian Congo. Seeds collected by J. T. Baldwin, Jr., Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 28, 1950.

190260. *FUCHSIA BOLIVIANA* var. *LUXURIANS* Johnst. Onagraceae.

No. 14390. Huauchinango, Puebla, Mexico. June 13, 1950.

190261. *RHYNCHOSIA* sp. Fabaceae.

No. 14400. Tecolutla, Veracruz, Mexico. June 15, 1950.

190262. *VIGNA VEXILLATA* (L.) A. Rich. Fabaceae.

No. 14398. Tecolutla, Veracruz. June 15, 1950.

190263. *CASSIA* sp. Fabaceae.

No. 14136. Leopoldville, Belgian Congo. February 18, 1950.

190264. *SESAMUM RADIATUM* Schum. Pedaliaceae.

No. 14140. Leopoldville, Belgian Congo. February 18, 1950.

190265. *SPHENOSTYLES SCHWEINFURTHII* Harms. Fabaceae.

No. 14167. Leopoldville, Belgian Congo. February 18, 1950.

**190266 to 190277. HORDEUM VULGARE L. Poaceae. Barley.**

From Japan. Seeds presented by Dr. Ruyhei Takahashi, Ohara Institute, Kurashiki, Okayama-Ken. Received July 28, 1950.

190266. *Choshiro*.

190272. *Koganemugi*.

190267. *Choshiro-hen*.

190273. *Oshichi*.

190268. *Henro-hen*.

190274. *Oshichi-hen*.

190269. *Henro No. 108*.

190275. *Suifu*.

190270. *Kairyo Bozu*.

190276. *Yanehadaka-hen*.

190271. *Kamairazu*.

190277. *Yanehadaka No. 2*.

**190278. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.**

From Canada. Seeds presented by the Dominion Forage Crops Laboratory, Saskatoon. Received July 31, 1950.

*Melana.*

**190279 to 190282. SACCHARUM. Poaceae. Sugarcane.**

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane, Queensland. Received July 31, 1950.

190279. *Eros.*

190281. *Q 27.*

190280. *G-269.*

190282. *Q 34.*

**190283. PELARGONIUM TRISTE Soland. Geraniaceae.**

From the Union of South Africa. Tubers presented by K. C. Stanford and M. van Doesburgh, Bloem Erf Nurseries, Stellenbosch, Cape of Good Hope. Received July 31, 1950.

**190284 to 190289. SACCHARUM. Poaceae. Sugarcane.**

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane, Queensland. Received August 2, 1950.

190284. *HQ 409.*

190287. *Q 33.*

190285. *JB 3.*

190288. *SJ 2.*

190286. *POJ 2875.*

190289. *39 MQ 832.*

**190290. UROCHLOA sp. Poaceae.**

From the Union of South Africa. Seeds presented by R. A. Saunders, Natal Research Institute, Pietermaritzburg, Natal Province. Received Aug. 2, 1950.

Kalahari Desert.

**190291 and 190292.**

From Sweden. Seeds presented by the Hortus Botanicus Universities, Uppsala. Received Aug. 2, 1950.

190291. *DACTYLIS VORONOVII Ovcz. Poaceae.*

190292. *TRIFOLIUM ALPESTRE L. Fabaceae.*

**190293 to 190296.**

From Malta. Seeds presented by the Royal University of Malta, Floriana. Received Aug. 2, 1950.

190293. *MEDICAGO ARBOREA L. Fabaceae.*

**Tree alfalfa.**

190294. *TRIFOLIUM STELLATUM L. Fabaceae.*

190295. *TRIFOLIUM sp.*

190296. *TRIFOLIUM sp.*

**190297 and 190298. ZEA MAYS L. Poaceae. Corn.**

From Hawaii. Seeds presented by the Agricultural Experiment Station, Hawaiian Sugar Planters' Association, Honolulu. Received Aug. 2, 1950.

190297. *Hawaiian Sugar No. 4140.*

190298. *Hawaiian Yellow No. 4194.*

**190299 and 190300.**

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Received Aug. 3, 1950.

190299. *HYPARRHENIA RUFA (Nees) Stapf. Poaceae.*

**Jaragua.**

190300. *HYPARRHENIA sp.*

## 190301 to 190341.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received Aug. 3, 1950.

190301. *ANDROPOGON* sp. Poaceae.

190302. *ANDROPOGON* sp.

1946 crop.

190303. *CHLORIS VIRGATA* Swartz. Poaceae. Feather fingergrass.

190304. *CITRULLUS NAUDINIANUS* Hook. Cucurbitaceae.

Olifanshoek-Upington Road, May 1948.

190305. *DELOSPERMA ORNATULUM* N. E. Br. Aizoaceae.

Carnarvon-Williston.

190306. *DIGITARIA ERIANTHA* Steud. Poaceae.

Beaufort West.

190307. *DIGITARIA SMUTSII* Stent.

Northam type.

190308. *DIGITARIA* sp.

Near Magaliesberg Mountain.

190309. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase. Poaceae.

Upington.

190310. *ERAGROSTIS BICOLOR* Nees. Poaceae.

Williston.

190311 to 190313. *ERAGROSTIS CURVULA* (Schrud.) Nees.

190311. Prieska Reserve.

190312. Ermelo ectotype.

190313. Hogsback Mountains.

190314. *ERAGROSTIS CURVULA* var. *CONFERTA* Nees.

Beaufort West.

190315. *ERAGROSTIS ECHINOCHLOIDEA* Stapf.

Upington.

190316. *ERAGROSTIS LEHMANNIANA* Nees.

Lehmann lovegrass.

Northam.

190317. *ERAGROSTIS* sp.

*Krulblaar*. Northam.

190318. *ERIOCEPHALUS* sp. Asteraceae.

Liebenberg No. 5394.

190319. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

Jaragua.

190320. *IPOMOEA* sp. Convolvulaceae.

190321. *LEBECKIA* sp. Fabaceae.

Putsonderwater Kendt.

190322. *LIMEUM AETHIOPICUM* Burm. f. Phytolaccaceae.

Williston. A woody perennial with linear, fleshy leaves and small, greenish-white flowers in terminal, dense clusters.

190323. *LOTONONIS AZUREA* (Eckl. & Zeyh.) Benth. Fabaceae.

Port Elizabeth. November 1948.

## 190301 to 190341—Continued

190324. LOTONONIS BAINESII Baker.

Potgietersrust.

190325. PANICUM MAXIMUM Jacq. Poaceae.

Guinea grass.

Beaufort West.

190326 and 190327. PANICUM STAPFIANUM Fourc.

190326. Rooiput. Kenhardt.

190327. Carnavon.

190328. PANICUM sp.

Kabulabula ecotype.

190329. PENNISETUM NATALENSE Stapf. Poaceae.

Barberton.

190330. PENNISETUM sp.

Gold Coast.

190331. PSILOCAULON sp. Aizoaceae.

Piquetberg.

190332. RHIGOZUM BREVISPINOSUM Kuntze. Bignoniaceae.

Carnarvon. An erect shrub 4 to 10 feet high with funnel-shaped yellow or white flowers, less than 1 inch long, in small clusters, appearing in the spring.

190333. SETARIA SPHACELATA (Schum.) Stapf &amp; Hubb. Poaceae.

Nelspruit.

190334 and 190335. SETARIA WOODII Hack.

190334. Komatipoort.

190335. Northam.

190336. SORGHUM sp. Poaceae.

Riverton.

190337. SPOROBOLUS FIMBRIATUS Nees. Poaceae.

Prieska.

190338. SPOROBOLUS sp.

Carnarvon.

190339. TETRAGONIA ARBUSCULA Fenzl. Aizoaceae.

Carnarvon-Williston.

190340. THEMEDA TRIANDRA Forsk. Poaceae.

Rooi grass.

Devon.

190341. UROCHLOA PULLULANS Stapf. Poaceae.

Northam.

190342. BRASSICA NAPUS L. Brassicaceae.

Rape.

From Germany. Seeds presented by Carl Ross, Office of Economic Affairs, Frankfurt. Received Aug. 4, 1950.

*Dippe's Shatter-resistant.*

## 190343 to 190345.

From the Netherlands. Seeds presented by M. J. Zijp, Hoofddorp. Received Aug. 4, 1950.

190343. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.



**190343 to 190345—Continued**

190344. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae. Berseem.

190345. *TRIFOLIUM RESUPINATUM* L. Persian clover.

**190346 to 190348. STROPHANTHUS spp. Apocynaceae.**

From the Belgian Congo. Seeds presented by H. Callens, Jardin Botanique, Kisantu. Received Aug. 4, 1950.

190346. *STROPHANTHUS ARNOLDIANUS* De Wild. & Dur.

190347. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill.

190348. *STROPHANTHUS WELWITSCHII* (Baill.) K. Schum.

**190349 and 190350.**

From Australia. Seeds presented by F. H. Brunning, Pty. Ltd., Melbourne, Victoria. Received Aug. 7, 1950.

190349. *LOTUS ULIGINOSUS* L. Fabaceae. Big trefoil.

190350. *TRIFOLIUM SUBTERRANEUM* L. Fabaceae. Subterranean clover.

**190351. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Brazil. Seeds presented by Dr. Jorge Polysu, Curitiba, Paraná. Received Aug. 7, 1950.

**190352. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From Italy. Seeds collected by Dr. Guy W. Adriance, Rome. Received Aug. 7, 1950. From Palermo, Sicily.

**190353 to 190355. RUBUS spp. Rosaceae.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Aug. 7, 1950.

190353. *RUBUS* sp.

Ixtiapoc, Huehuetenango. Plants 8 to 10 feet high; fruits small.

190354. *RUBUS* sp.

El Quetzal, Huehuetenango. Plants 10 to 15 feet high; fruits small.

190355. *RUBUS* sp.

San Pedro Soloma, Huehuetenango. Plants 8 to 10 feet high; fruits large.

**190356 to 190419.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 9, 1950.

190356. *ASTRONIUM BALANSAE* Engl. Anacardiaceae.

190357. *ATTALEA HUMBOLDTIANA* Spruce. Phoenicaceae. Palm.

190358. (Undetermined.)

190359. *BERRIA QUINQUELOCULARIS* Teysm. and Binn. Tiliaceae.

190360. (Undetermined.)

190361. *BUTIA CAPITATA* (Mart.) Becc. Phoenicaceae. Palm.

190362. *CANAVALLIA MARITIMA* (Aubl.) Thouars. Fabaceae.

190363. *CASSIA MOSCHATA* H. B. K. Fabaceae.

190364. *CASTANEA*. Fagaceae. Chestnut.

190365. *CHRYSLIDOCARPUS LUTESCENS* (Bory) Wendl. Phoenicaceae. Palm.

190366. *COCHLOSPERMUM VITIFOLIUM* (Willd.) Spreng. Cochlospermaceae.

## 190356 to 190419—Continued

190367. *MEZONEURUM KAUAIENSE* (Mann) Hillebr. Fabaceae.
190368. *COLUBRINA ASIATICA* (L.) Brongn. Rhamnaceae.
190369. *COPERNICIA SUEROANA* Leon. Phoenicaceae. **Palm.**
190370. *CUDRANIA JAVANENIS* Trécul. Moraceae.
190371. *CORDIA* sp. Boraginaceae.
190372. *CUDRANIA JAVANENSIS* Trécul. Moraceae.
190373. *DALBERGIA LANCEOLARIA* L. f. Fabaceae.
190374. *DESMANTHUS VIRGATUS* (L.) Willd. Fabaceae.
190375. *DOLICHANDRONE CRISPA* Seem. Bignoniaceae.
190376. *DOVYALIS HEBACARPA* (Gard.) Warb. Flacourtiaceae.
190377. *EHRETIA TINIFOLIA* L. Boraginaceae.
190378. *ELAEODENDRON GLAUCUM* Pers. Celastraceae.
190379. *EUGENIA MALACCENSIS* L. Myrtaceae.
190380. *EUPHORBIA ANTISIPHYLITICA* Zucc. Euphorbiaceae.
190381. *FAGRAEA BERTEREANA* Gray. Loganiaceae.
190382. *FICUS* sp. Moraceae.
190383. *GARDENIA TURGIDA* R. Rubiaceae.
- 190384 and 190385. *HOLARRHENA ANTIDYSENTERICA* (Roth) Wall. Apocynaceae.
190384. No. 1.
190385. No. 2.
190386. *HOYA BELLA* Hook. Asclepiadaceae.
190387. *HOYA CINNAMOMIFOLIA* Hook.
190388. *HOYA* sp.
- Received as *H. cinnamomum*, an apparently unpublished name.
190389. *HOYA GLOBULOSA* Hook. f.
190390. *HOYA* sp.
190391. *HOYA* sp.
190392. *HOYA* sp.
- Variegated.
190393. *JASMINUM SIMPLICIFOLIUM* Forst. f. Oleaceae.
190394. *KNIPHOFIA* sp. Liliaceae.
190395. *LAGERSTROEMIA HIRSUTA* Willd. Lythraceae.
190396. *MALPIGHIA GLABRA* L. Malpighiaceae.
190397. *MELALEUCA DECUSSATA* R. Br. Myrtaceae.
190398. *MIMOSA TENUIFLORA* (Willd.) Poir. Mimosaceae.
190399. *MORINGA OLEIFERA* Lam. Moringaceae. **Horseradish-tree.**
190400. *MUSA PARADISIACA* L. Musaceae.
190401. *NEANTHE BELLA* O. F. Cook. Phoenicaceae. **Palm.**
190402. *PASSIFLORA QUADRANGULARIS* L. Passifloraceae.
- 190403 to 190405. *PORCELIA VENEZUELENSIS* Pittier. Annonaceae.
190403. No. 12331.
190404. No. 12332.
190405. No. 12384.

## 190356 to 190419—Continued

190406. PRITCHARDIA LOWREYANA Rock. Phoenicaceae. **Palm.**  
 190407. RANDIA GENIPAEFLORA DC. Rubiaceae.  
 190408. RAPHA TAEDIGERA Mart. Phoenicaceae. **Palm.**  
 190409. ROLLINIA sp. Annonaceae.  
 190410. SCAEVOLA FRUTESCENS (Mill.) K. Krause. Goodeniaceae.  
 190411. SCHINOPSIS BALANSÆ Engl. Anacardiaceae.  
 190412. SOLANUM HIRSUTISSIMUM Standl. Solanaceae.  
 190413. SOYMIDA FEBRIFUGA (Roxb.) Juss. Meliaceae.  
 190414. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.  
 190415. STYPHELIA TAMEIAMEIAE (Cham.) F. Muell. Epacridaceae.  
 190416. STRYCHNOS POTATORUM L. f. Loganiaceae.  
 190417. TILLANDSIA PALLIDIFLAVENS Mez. Bromeliaceae.  
 190418. IXORA PARVIFLORA Vahl. Rubiaceae.  
 190419. WILLARDIA MEXICANA S. Wats. Fabaceae.

## 190420 and 190421.

From Mexico. Tubers presented by José Gaya, Veracruz. Received Aug. 8, 1950.

190420. COLOCASIA sp. Araceae.  
*Pisis Camote.*  
 190421. DIOSCOREA sp. Dioscoreaceae.  
*Cocol Micate.*

## 190422 and 190423.

From Guatemala. Seeds presented by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Aug. 10, 1950.

190422. CROTALARIA INCANA L. Fabaceae.  
 Rabinal, Baja Verapaz. Altitude 3,000 to 3,200 feet.  
 190423. ZEA MAYS L. Poaceae. **Corn.**  
 San Pedro Soloma, Huehuetenango. Altitude 7,600 feet.

## 190424. DALBERGIA LATIFOLIA Roxb. Fabaceae.

From Pakistan. Seeds presented by the Director of Plant Protection, Karachi. Received Aug. 10, 1950.

190425 and 190426. GOSSYPIMUM. Malvaceae. **Cotton.**

From Brazil. Seeds presented by an unknown donor, Pará. Received July 24, 1950.

190425. No. 1.  
 190426. No. 2.

## 190427 to 190431.

From Virginia. Plants presented by J. T. Baldwin, Jr., William and Mary College, Williamsburg. Received Aug. 11, 1950.

- 190427 to 190430. CLAPPERTONIA FICIFOLIA Dcne. Tiliaceae.  
 190427. Originally from Roberts Field, Liberia.  
 190428. Originally from Douala, French Cameroons.

**190427 to 190431—Continued**

190429. Originally from Leopoldville, Belgian Congo.

190430. Originally from Nola, French Cameroons.

190431. CLAPPERTONIA MINOR Becherer.

Originally from Vonjama, Vonjama District, Liberia.

**190432 to 190442. GOSSYPIUM. Malvaceae.****Cotton.**

From India. Seeds presented by P. S. Pandya, Viramgam. Received Aug. 11, 1950.

190432. *Kalyan*.

190438. *Wagad 14*.

190433. *Persian 118*.

190439. *W. G. 148*.

190434. *Persian 194*.

190440. *W. M.*

190435. *Persian 210*.

190441. *W. 4-5*.

190436. *Wagad 4*.

190442. *W. 87*.

190437. *Wagad 8*.

**190443 to 190447.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 14, 1950.

190443. BIGNONIA RADICANS L. Bignoniaceae.

**Trumpet creeper.**

190444. CARPOTROCHE BRASILIENSIS (Raddi) Endl. Flacourtiaceae.

*Sapucainha*. Originally from São Paulo, Brazil.

190445. TRICHANTHERA GIGANTEA Nees. Acanthaceae.

Originally from Venezuela.

190446. VIGNA MARINA (Burm.) Merr. Fabaceae.

190447. VITEX TRIFOLIA L. Verbenaceae.

**190448 to 190451. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Norway. Seeds presented by Erling Strand, Agricultural College of Norway, Vollebakk. Received Aug. 16, 1950.

190448. *As II*.

190450. *JO 3*.

190449. *Fram II*.

190451. *Snogg*.

**190452 and 190453. CORCHORUS CAPSULARIS L. Tiliaceae. Jute.**

From India. Seeds received from the American Consulate General, Calcutta. Received Aug. 18, 1950.

190452. *C 41-13*.

190453. *C-42 NJ 412*.

**190454 to 190458. ORYZA SATIVA L. Poaceae.****Rice.**

From India. Seeds presented by the Director of the Central Rice Research Institute, Orissa. Received Aug. 18, 1950.

190454. *BHR 16*.

190457. *P. B. 5*.

190455. *C. P. 15*.

190458. *T. 608*.

190456. *Mtu. 9*.

**190459. VERATRUM FIMBRIATUM A. Gray. Liliaceae.**

From California. Rootstocks presented by Lillian Lawrence, Littleriver. Received Aug. 18, 1950.

**190460 and 190461. PRUNUS MAHALEB L. Amygdalaceae.****Mahaleb cherry.**

From Switzerland. Seeds presented by the Eidgenossische Versuchsanstalt, Zürich. Received Aug. 18, 1950.

190460. From ripe fruits.

190461. From overripe fruits.

**190462. GOSSYPIUM. Malvaceae.****Cotton.**

From Puerto Rico. Seeds presented by J. M. Green, Oklahoma Agricultural and Mechanical College, Stillwater, Okla. Received Aug. 18, 1950.

*C. B. 2708.*

**190463. DIOSCOREA sp. Dioscoreaceae.**

From the Philippine Islands. Roots presented by Simon Barbadillo, Bangued, Abra. Received Aug. 21, 1950.

**190464. CAESALPINIA SPINOSA (Mol.) Kuntze. Fabaceae. Tara.**

From Peru. Seeds presented by the Establecimientos Sud-Americanos Gratry, Lima. Received Aug. 22, 1950.

**190465 and 190466.**

From Australia. Seeds purchased from the F. H. Brunning, Pty., Ltd., Melbourne, Victoria. Received Aug. 23, 1950.

190465. TRIFOLIUM REPENS L. Fabaceae.

**White clover.**

*New Zealand White.*

190466. TRIFOLIUM SUBTERRANEUM L.

**Subterranean clover.**

*Bacchus Marsh.*

**190467. MANGIFERA INDICA L. Anacardiaceae.****Mango.**

From Burma. Seeds collected by Dr. O. E. White, University College, Mandalay. Received Aug. 23, 1950.

**190468. CASUARINA sp. Casuarinaceae.**

From Pacific area. Seeds presented by Major W. J. McCracken, USAF, APO 239, c/o Postmaster, San Francisco, Calif. Received Aug. 25, 1950.

**190469. TRIFOLIUM FRAGIFERUM L. Fabaceae.****Strawberry clover.**

From Australia. Seeds presented by the Waite Agricultural Research Institute, Adelaide, South Australia. Received Aug. 28, 1950.

*Palestine.*

**190470 to 190496.**

From Sweden. Seeds presented by the Sveriges Utsädesförenings, Svalöf. Received Aug. 28, 1950.

190470 to 190477. AVENA SATIVA L. Poaceae.

**Oats.**

190470. *Engelbrektshavre II.*

190474. *Ornhavre.*

190471. *Guldregnshavre II.*

190475. *Primushavre II.*

190472. *Hormagulhavre II.*

190476. *Samehavre.*

190473. *Orionhavre III.*

190477. *Solhavre II.*

190478 to 190485. HORDEUM VULGARE L. Poaceae.

**Barley.**

190478. *Asa.*

190482. *Freja.*

190479. *Bonus.*

190483. *Heimdal.*

190480. *Bore.*

190484. *Presto.*

190481. *Edda.*

190485. *Ymer.*

## 190470 to 190496—Continued

190486. SECALE CEREALE L. Poaceae.

Rye.

*Kungsrag II.*

190487 to 190496. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

190487. *Blendahavre.*190492. *Hansa.*190488. *Borg.*190493. *Odm.*190489. *Diamantvarv II.*190494. *Progress.*190490. *Ella.*190495. *Robur.*190491. *Fzlgia.*190496. *Skandia III.*

## 190497 to 190501.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Aug. 28, 1950.

190497. JACARANDA sp. Bignoniaceae.

190498. NEWBOULDIA LAEVIS Seem. Bignoniaceae.

190499. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.

Seedlings presented by Col. Robert H. Montgomery, Coconut Grove.

190500. SYNCARPIA GLOMERULIFERA (J. E. Sm.) Ndzu. Myrtaceae.

190501. TABEBIUA IPE (Mart.) Standl. Bignoniaceae.

Superintendent of Parks, Dade County, Fla. Originally from São Paulo, Brazil.

## 190502 to 190504. SACCHARUM. Poaceae.

Sugarcane.

From Cuba. Cuttings presented by Alfonso Fors, Central Hormiguero, Santa Clara Province. Received Aug. 29, 1950.

190502. *C. 10049.*190503. *C. 11026.*190504. *Mercedita 4.*

## 190505. DIANTHUS sp. Caryophyllaceae.

From Italy. Seeds presented by Dr. Mario Calvino, San Remo. Received Aug. 29, 1950.

## 190506 to 190518.

From Europe. Seeds collected by R. O. Weibel, University of Illinois, Urbana, Ill. Received Sept. 1, 1950.

190506. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

Italy.

190507. ERUCA SATIVA Mill. Brassicaceae.

Rocket-salad.

Turkey.

190508. GUIZOTIA ABYSSINICA (L. f.) Cass. Asteraceae.

Morocco.

190509 to 190512. HELIANTHUS ANNUUS L. Asteraceae.

Sunflower.

190509. Southern France.

190511. Turkey.

190510. Near Rabat, Morocco.

190512. Turkey.

190513 to 190518. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

190513. Near Verona, Italy.

190516. Morocco.

190514. Italy.

190517. Near Tarsus, Turkey.

190515. Italy.

190518. Adana, Turkey.

**190519. CAMELLIA SINENSIS (L.) Ktze. Theaceae.**

From Mexico. Seeds presented by Maximino Martinez, Mexico, D. F. Received Sept. 1, 1950.

**190520 to 190523. AMMI VISNAGA Lam. Apiaceae.**

From northern Africa and Syria. Seeds collected by James A. De Tomasi, Long Island, N. Y. Received Sept. 1, 1950.

190520. Egypt. June 5, 1950.

190522. Syria. May 25, 1950.

190521. Morocco. July 15, 1950.

190523. Service Botanique, Ariana, Tunisia.

**190524 to 190550. GOSSYPIUM spp. Malvaceae. Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Cotton Breeding Section, Shambat, Khartoum North. Received Sept. 5, 1950.

**190524 to 190541. GOSSYPIUM.**

190524. ANCC 16.

190533. ANCC 17.

190525. ANBC 4.

190534. ANCB 10.

190526. T. 40.

190535. HFI 12.

190527. T. 18.

190536. HFI 13.

190528. T. 3.

190537. ANBU 25.

190529. T. 4.

190538. HFI 16.

190530. ANI 10.

190539. T. 1.

190531. ANBB 1.

190540. T. 2.

190532. ANBB 2.

190541. T. 17.

**190542 to 190547. GOSSYPIUM HERBACEUM L.**

190542. HTP 8B. Gillett's Iraqi.

190543. HTP 15. Tashkent. Cream-pollen.

190544. HTK 1. Kulja, Sinkiang.

190545. HFA 6. Salara, Sudan.

190546. HFA 1A. Surat 1027 ALF.

190547. HA 3. Letaba, Transvaal.

**190548. GOSSYPIUM AREYSIANUM (Deflers) J. B. Hutch.**

Aden—WB 3-1.

**190549 to 190550. GOSSYPIUM SOMALENSE (Gürke) J. B. Hutch.**

190549. WE 2-1.

190550. Sudan WE 2-2.

**190551. STROPHANTHUS EMINII Aschers. & Pax. Apocynaceae.**

From Kenya. Seeds presented by Peter O. R. Bally, Coryndon Museum, Nairobi. Received Sept. 6, 1950.

From Tanganyika Territory.

**190552. STROPHANTHUS NICHOLSONII Holmes. Apocynaceae.**

From Nyasaland. Seeds presented by Mr. Usher. Received Sept. 6, 1950.

**190553 to 190556.**

From Iraq. Seeds collected by A. T. Semple, Food and Agriculture Organization, United Nations. Received Sept. 7, 1950.

Collected at Dohuk.

190553. PRUNUS PERSICA (L.) Batsch. Amygdalaceae.

Peach.

## 190553 to 190556—Continued

190554. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.  
 190555. PRUNUS DOMESTICA L. Amygdalaceae. Plum.  
 190556. VITIS sp. Vitaceae. Grape.

190557 to 190577. TRIFOLIUM SUBTERRANEUM L. Fabaceae.  
Subterranean clover.

From Australia. Seeds presented by the Council for Scientific and Industrial Research, Canberra, Australian Capital Territory. Received Sept. 7, 1950.

- |                               |                                    |
|-------------------------------|------------------------------------|
| 190557. <i>Bacchus Marsh.</i> | 190568. <i>Nangeela.</i>           |
| 190558. <i>Bumerang.</i>      | 190569. <i>New Northern Early.</i> |
| 190559. <i>Daliah.</i>        | 190570. <i>Northam.</i>            |
| 190560. <i>Dwalganup.</i>     | 190571. <i>Northern Early.</i>     |
| 190561. <i>Edenhope.</i>      | 190572. <i>Samaria.</i>            |
| 190562. <i>Kybybolite.</i>    | 190573. <i>Seaton Park.</i>        |
| 190563. <i>McArthur.</i>      | 190574. <i>Smeaton.</i>            |
| 190564. <i>Merino.</i>        | 190575. <i>Wallendbeen.</i>        |
| 190565. <i>Milton.</i>        | 190576. <i>Yarloop.</i>            |
| 190566. <i>Mount Barker.</i>  | 190577. <i>Yea.</i>                |
| 190567. <i>Mulwala.</i>       |                                    |

## 190578. CITRUS BERGAMIA Risso. Rutaceae. Bergamot orange.

From Italy. Seeds presented by Prof. Mario Calvino, San Remo. Received Sept. 11, 1950.

From the hills of Reggio, Calabria.

## 190579 and 190580.

From Argentina. Presented by Enrique C. Clos, Ministry of Agriculture, Buenos Aires. Received Sept. 11, 1950.

## 190579. SORGHUM ALMUM Parodi. Poaceae.

(Seeds.)

## 190580. DIOSCOREA SINUATA Vell. Dioscoreaceae.

(Tubers.)

## 190581. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From New Zealand. Seeds presented by the Department of Agriculture, Auckland. Received Sept. 11, 1950.

## 190582. GOSSYPIUM. Malvaceae. Cotton.

From the Anglo-Egyptian Sudan. Seeds presented by the Cotton Breeding Station, Khartoum North. Received Sept. 11, 1950.

SNA 248.

## 190583. SOLANUM DULCAMARA L. Solanaceae.

From Switzerland. Seeds presented by the Botanical Garden, Geneva. Received Sept. 11, 1950.

## 190584. AVENA SATIVA L. Poaceae. Oats.

From Argentina. Seeds presented by Enrique Klein, Buenos Aires. Sept. 11, 1950.



**190585 to 190587.**

From Burma. Seeds collected by Dr. O. E. White, Blandy Experimental Farms, Charlottesville, Va. Received Sept. 7, 1950.

190585. *AMHERSTIA NOBILIS* Wall. Fabaceae.

Forestry Department, Tasoy. May 1950.

190586. *MANGIFERA INDICA* L. Anacardiaceae.

Mango.

Rangoon.

190587. *POLYALTHIA LONGIFOLIA* (Sonner.) Benth. & Hook. Annonaceae.

A common street tree in Rangoon.

**190588 to 190592.**

From Paraguay. Seeds presented by Abraham H. Weibe, Laubenheim, Chaco. Received Sept. 12, 1950.

190588. *ANDROPOGON* sp. Poaceae.

190589. *CHLORIS* sp. Poaceae.

No. 2.

190590. *DACTYLOCTENIUM AEGYPTIUM* (L.) Richter. Poaceae.

No. 4.

190591. *PAPPOPHORUM* sp. Poaceae.

No. 3.

190592. *PENNISETUM* sp. Poaceae.

No. 1.

190593. *DATURA INERMIS* Jacq. Solanaceae.

From Belgium. Seeds presented by the Jardin Experimental, Anderghem. Received Sept. 12, 1950.

**190594 and 190595.**

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Cape Province. Received Sept. 12, 1950.

190594. No. 591. *DATURA FEROX* Jacq. Solanaceae.

190595. No. 592. *DATURA METEL* L.

190596 to 190598. *HORDEUM* spp. Poaceae.

Barley.

From Germany. Seeds presented by Dr. R. Mansfeld, Institution for Horticulture, Gatersleben. Received Sept. 12, 1950.

190596. *HORDEUM AGRIOCRITHON* Åberg.

From Prof. Schiemann.

190597. *HORDEUM JUBATUM* L.

From the Botanic Garden, Leipzig.

190598. *HORDEUM MARINUM* Hudson.

From the Botanic Garden, Bremen.

190599. *PRUNUS* sp. Amygdalaceae.

From Italy. Seeds presented by the Facolta di Agraria, Palermo. Received Sept. 12, 1950.

190600 to 190606. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From the Union of South Africa. Seeds presented by Gunson Seeds South Africa (Pty.) Ltd., Johannesburg, Transvaal. Received Sept. 12, 1950.

190600. *Hazenjacht le Roux*.

190601. *Kamanassie*.

## 190600 to 190606—Continued

190602. *Klaarstroom.* 190605. *Schoemenshoek.*  
 190603. *Olifantsriver.* 190606. *Wynandsrivier.*  
 190604. *Roorivier Uniondale Road.*

190607 to 190609. *BETULA PLATYPHYLLA* var. *SZETCHUANICA* (Schneid.) Rehd. Betulaceae. **Birch.**

From Virginia. Seeds collected in the George Washington National Forest, Amherst County. Received Sept. 13, 1950.

190607. C. 59. 4.5 in. d.b.h., 25 feet high; heavy seeder.  
 190608. C. 109. 6.3 in. d.b.h., 40 feet high; heavy seeder.  
 190609. C. 125. 4.6 in. d.b.h., 31 feet high.

190610 to 190624. *ORYZA SATIVA* L. Poaceae. **Rice.**

From Belgian Congo. Seeds presented by the Institut National pour l'Étude Agronomique du Congo Belge, Yangambi. Received Sept. 13, 1950.

190610. Ca 39/14/4. *L.P. 0.293* × *Riz Dourado 36.*  
 190611. Ca 39/40/1/1/1. *L.P. 0.293* × *Riz Dourado 3.*  
 190612. C. 40/2/24/1/1. *L.P. 0.293* × *Oryza. 9.293.* Yangambi.  
 190613. 47/014/6/2/1. (*Oryza.* × *Riz Indian*) × *Dourado.*  
 190614. 52/1/1/2. *N. 32* × *Oryza. 9.293.* Yangambi.  
 190615. 52/1/1/2. *N. 32* × *Oryza. 9.293.* Yangambi.  
 190616. Ca 100/14/2/7/2. (*H. 108* × *Oryza.*) × *Riz Indian.*  
 190617. Ca 497/V/7. *Dourado 3* × *Hybride 9.293.* Yangambi.  
 190618. Ca 902/b/2/1. (*Oryza.* × *Riz. Indian*) × *T.g.*  
 190619. 902/b/2/2. (*Oryza.* × *Riz Indian*) × *T.g.*  
 190620. 902/b/2/2/2. (*Oryza.* × *Riz Indian*) × *T.g.*  
 190621. Ca. 902/b/3/3. (*Oryza.* × *Riz Indian*) × *T.g.*  
 190622. Rz 71. *Dourado 3.*  
 190623. Rz 93/1/2. (*Riz Indian* × *Manzano*) × *Manzano.*  
 190624. Rz 93/2/2. (*Riz Indian* × *Manzano*) × *Manzano.*

190625. *ROSA* sp. Rosaceae. **Rose.**

From Guatemala. Plants collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Sept. 13, 1950.

Wild red rose.

## 190626 to 190635.

From New Zealand. Seeds presented by the Department of Scientific and Industrial Research, Wellington. Received Sept. 14, 1950.

190626. *AGROPYRON KIRKII* Zotov. Poaceae.  
 190627. *AGROPYRON SCABRUM* (R. Br.) Beauv.  
 E 139.  
 190628. *DANTHONIA GRACILIS* Hook. f. Poaceae.  
 C 140.  
 190629. *DANTHONIA PENICILLATA* (Labill.) Beauv.  
 E 141.

**190626 to 190635—Continued**190630. *DANTHONIA UNAREDE* Raoul.

E 142.

190631. *DEYEUXIA CRINITA* (L. f.) Zotov. Poaceae.

E 143.

190632. *FESTUCA MULTINODIS* Petrie & Hack. Poaceae.

E 144.

190633. *LOTUS ULIGINOSUS* Schkuhr. Fabaceae.

Big trefoil.

E 147.

190634. *POA ANCEPS* G. Forst. Poaceae.

E 145.

190635. *POA AUSTRALIS* R. Br.

E 146.

**190636 and 190637. PRUNUS SPINOSA L. Amygdalaceae.****Blackthorn.**

From Switzerland. Seeds presented by Dr. S. Blumer, Swiss Experiment Station for Arboriculture, Waldenswil. Received Sept. 14, 1950.

Collected near the town of Schartenfels-Baden, Aargau.

190636. No. 1.

190637. No. 2.

**190638. CARICA PAPAYA L. Papayaceae.****Papaya.**

From the Union of South Africa. Seeds presented by the Subtropical Horticultural Research Station, Nelspruit, Transvaal. Received Sept. 14, 1950.

*Hortus Gold.*

**190639 and 190640.**

From Switzerland. Seeds presented by Prof. T. Reichstein, Pharmazeutische Anstalt der Universität, Basel. Received Sept. 18, 1950.

190639. *STROPHANTHUS INTERMEDIUS* Pax. Apocynaceae.

Andongo-Sengue, Angola.

190640. *STROPHANTHUS WELWITSCHII* (Baill.) K. Schum.

Fazenda Hollanda-Pungo, Andongo, Rio Cuanza, Angola.

**190641 to 190855. HORDEUM spp. Poaceae.****Barley.**

From China, Japan, and Korea. Seeds presented by Dr. Rynhei Takahashi, Vice-Director, Ohara Institute, Kurashiki, Okayama-Kem, Japan. Received Sept. 19, 1950.

190641 to 190748. *HORDEUM VULGARE* L.

190641 to 190654. From Manchuria.

190641. C 1. *Vladivostock 1.*190642. C 2. *Feng Tien Pai.*190643. C 3. *No. 1.*190644. C 4. *No. 2.*190645. C 5. *No. 3. Heads purple.*190646. C 6. *Feng Tien Hei 7. Heads purple.*190647. C 7. *Mu Ling; Peng Chiang.*190648. C 8. *Chao Tong; Peng Chiang.*190649. C 9. *P'o Li; San Chang.*190650. C 10. *Fu Chin; San Chang.*190651. C 11. *En Chi; Chien Tao.*

## 190641 to 190855—Continued

190652. C 12. *Lung Ching*; *Chien Tao*. 190654. C 14. *San Ho*.
190653. C 13. *Hsin Min*; *Fen Tien*.
190655. C 15. From Mongolia. Four-rowed type.
- 190656 to 190666. From Northern China.
190656. C 16. *Lu Tai*. 190662. C 22. *Li Ts'un 1*.
190657. C 17. *I Hsien*. 190663. C 23. *Li Ts'un 2*.
190658. C 18. *Ting Hsien*. 190664. C 24. *Chiao Hsien, 3*.
190659. C 19. *Pei Ching*. 190665. C 25. *Chiaco Hsien 5*.
190660. C 20. *Hsin Hsien, 21*. 190666. C 26. *Chang Tien 1*.
190661. C 21. *Shan Tung*.
- 190667 to 190707. From central China.
190667. C 27. *P'u K'ou 1*. 190685. C 45. *Ta Yeh 5*.
190668. C 28. *Wu Hu*. 190686. C 46. *Ta Yeh 13*.
190669. C 29. *Ta Kung Kuan*. 190687. C 47. *Pao An Tien 1*.
190670. C 30. *Ta Kung Kuan*; *Shou Chian Ch'iao*. 190688. C 48. *Pao An Tien 3*.
190671. C 31. *Pan Tse 1*. 190689. C 49. *Pao An Tien 4*.
190672. C 32. *Liu San Chiao 1*. 190690. C 50. *Chin Niu Chen 3*.
190673. C 33. *Ta Wang Miao 2*. 190691. C 51. *Hsin An Tien 1*.
190674. C 34. *Chiu Chiang*. 190692. C 52. *Hsin An Tien 2*.
190675. C 35. *Jui Chiang 2*. 190693. C 53. *Hsin An Tien 3*.
190676. C 36. *Hsin Wu Ko 1*. 190694. C 54. *Chiao Chuang 2*.
190677. C 37. *Mu Shih Chiang 1*. 190695. C 55. *Chiao Chuang 3*.
190678. C 38. *Mu Shih Chiang 2*. 190696. C 56. *Chiao Chuang 4*.
190679. C 39. *Yang Hsin 2*. 190697. C 57. *Hsi P'ing*.
190680. C 40. *Ti T'ien Ch'iao 2*. 190698. C 58. *Tching Chou 1*.
190681. C 41. *Ti T'ien Ch'iao 3*. 190699. C 59. *Tching Chou 3*.
190682. C 42. *Pai. Sha; Ta Yeh 1*. 190700. C 60. *Tching Chou 5*.
190683. C 43. *Ta Yeh 1*. 190701. C 61. *Tching Chou 8*.
190684. C 44. *Ta Yeh 2*. 190702. C 62. *Ch'ang Chou 1*.
190703. C 63. *Ch'ang Chou 2*.
190704. C 64. *Su Chou 1*.
190705. C 65. *Su Chou 2*.
190706. C 66. *Shanghai 1*.
190707. C 67. *Shanghai 3*.
- 190708 to 190748. From Japan.
190708. J 1. *Kabafuto-Qairai*. Sakhalin.
190709. J 2. *Sumire-Mochi*. Sakhalin.
- 190710 to 190713. Hokkaido.
190710. J 3. *Sapporo-Rokkaku*. 190712. J 5. *Mitsukiko No. 1*.
190711. J 4. *Taiju-Omugi*. 190713. J 6. *Marumi No. 16*.

## 190641 to 190855—Continued

## 190714 to 190722. Tohoku.

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|-------------------------------------|---|
| 190714. J 7. <i>Hosogara No. 2.</i> | 190719. J 12. <i>Hanbozu.</i>                     |
| 190715. J 8. <i>Mensury No. 2.</i>  | 190720. J 13. <i>Zairai Rokkaku.</i>              |
| 190716. J 9. <i>Okachi.</i>         | 190721. J 14. <i>Aizuhadaka</i><br><i>No. 3.</i>  |
| 190717. J 10. <i>Mitsuki.</i>       | 190722. J 15. <i>Shirohadaka</i><br><i>No. 1.</i> |
| 190718. J 11. <i>Hosomugi.</i>      |   |

190723. J 16. *Hedaka Rokkaku.* Hokuriku.190724. J 17. *Bozu Omugi.* Hokuriku.190725. J 18. *Hachikoku.* Hokuriku.

## 190726 to 190737. Kwanto.

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|---|---|
| 190726. J 19. <i>Suifu.</i>                     | 190731. J 24. <i>Haramachi.</i>         |
| 190727. J 20. <i>Joshushirohadaka.</i>          | 190732. J 25. <i>Sekitorisai No. 1.</i> |
| 190728. J 21. <i>Bozu No. 1.</i>                | 190733. J 26. <i>Santoku.</i>           |
| 190729. J 22. <i>Bizenwase</i><br><i>No. 5.</i> | 190734. J 27. <i>Hozoroi.</i>           |
| 190730. J 23. <i>Shiroyoshigara No. 22.</i>     | 190735. J 28. <i>Chikurin.</i>          |
|   | 190736. J 29. <i>Wasemino.</i>          |
|   | 190737. J 30. <i>Kamakura.</i>          |

## 190738 to 190745. Tokai.

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| 190738. J 31. <i>Dairokkaku</i><br><i>No. 22.</i> | 190741. J 34. <i>Shiro Omugi No.</i><br><i>79.</i> |
| 190739. J 32. <i>Torano-o No.</i><br><i>7.</i>    | 190742. J 35. <i>Yane No. 44.</i>                  |
| 190740. J 33. <i>Kushobo No.</i><br><i>49.</i>    | 190743. J 36. <i>Kuromugi No. 148.</i>             |
|   | 190744. J 37. <i>Sakigake.</i>                     |
|   | 190745. J 38. <i>Tanikaze No. 2.</i>               |

190746. J 39. *Dairokkaku No. 1.* Kinki.190747. J 40. *Shiro Omugi No. 1.* Kinki.190748. J 41. *Bozu Omugi.* Kinki.

## 190749. HORDEUM DISTICHON L.

J 42. *Early Golden Melon.* From Japan.

## 190750 to 190855. HORDEUM VULGARE L.

## 190750 to 190785. From Japan.

## 190750 to 190754. Kinki.

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|---|-------------------------------------|
| 190750. J 43. <i>Kokubi No. 1.</i>      | 190753. J 46. <i>Akashinriki.</i>   |
| 190751. J 44. <i>Kinai Katano.</i>      | 190754. J 47. <i>Kodama No. 13.</i> |
| 190752. J 45. <i>Yakko No. 52.</i>      |                                     |
| 190755. J 48. <i>Hayakiso No. 2.</i>    | San-in.                             |
| 190756. J 49. <i>Ichinenmugi No. 2.</i> | San-in.                             |
| 190757. J 50. <i>Kobinkatagi No. 4.</i> | San-in.                             |

## 190758 to 190763. Chugoku.

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| 190758. J 51. <i>Shindo.</i>      | 190761. J 54. <i>Baitori No. 11.</i>    |
| 190759. J 52. <i>Yahazu.</i>      | 190762. J 55. <i>Kobai No. 10.</i>      |
| 190760. J 53. <i>Kobinkatagi.</i> | 190763. J 56. <i>Ohorihadaka No. 3.</i> |

## 190641 to 190855—Continued

## 190764 to 190770. Shikoku.

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| 190764. J 57. <i>Chinko No. 1.</i>     | 190767. J 60. <i>Beppuzairai.</i>     |
| 190765. J 58. <i>Yanehadaka No. 2.</i> | 190768. J 61. <i>Kitagawa Chobo.</i>  |
| 190766. J 59. <i>Kairyo Bozu Mugi.</i> | 190769. J 62. <i>Nabari Mubo.</i>     |
|  | 190770. J 63. <i>Kochiwasehadaka.</i> |

## 190771 to 190779. Kyshu.

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|------------------------------------|-------------------------------------|
| 190771. J 64. <i>Takeshita.</i>    | 190776. J 69. <i>Mitsukihadaka.</i> |
| 190772. J 65. <i>Ogara.</i>        | 190777. J 70. <i>Kamaore No. 1.</i> |
| 190773. J 66. <i>Shimabara.</i>    | 190778. J 71. <i>Nigatsuko.</i>     |
| 190774. J 67. <i>Oita Nejire.</i>  | 190779. J 72. <i>Shirohada.</i>     |
| 190775. J 68. <i>Kosaba No. 1.</i> |                                     |

## 190780. J 73. Indian barley. Formosa.

190781. J 74. *Shazan.* Formosa.190782. J 75. *Komehadaka.*190783. J 76. *Kikinshirazu.*190784. J 77. *Bozu.*190785. J 78. *Awamugi.*

## 190786 to 190855. From Korea.

## 190786 to 190790. Hamkyong.

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| 190786. K 1. <i>Kyojo Rokkaku 780.</i> | 190788. K 3. <i>Keizen Zairai.</i> |
| 190787. K 2. <i>Anpen Zairai.</i>      | 190789. K 4. <i>Hozan Zairai.</i>  |
|  | 190790. K 5. <i>Inumo O.</i>       |

## 190791 to 190795. Phyonan.

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| 190791. K 6. <i>Teishu Zairai.</i>       | 190793. K 8. <i>Zairaishirohadaka.</i> |
| 190792. K 7. <i>Murasaki Omugi, 759.</i> | 190794. K 9. <i>Junsen Zairai.</i>     |
|  | 190795. K 10. <i>Kanju.</i>            |

## 190796 to 190799. Kwanwon.

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| 190796. K 11. <i>Neietsu Rokkaku.</i>  | 190798. K 13. <i>Kasengun Zairai.</i>   |
| 190797. K 12. <i>Heishogun Zairai.</i> | 190799. K 14. <i>Uruchingun Zairai.</i> |

## 190800 to 190803. Hwanghai.

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|------------------------------------|-----------------------------|
| 190800. K 15. <i>Zairai Shiro.</i> | 190802. K 17. <i>Daieh.</i> |
| 190801. K 16. <i>Commopori.</i>    | 190803. K 18. <i>Oshin.</i> |

## 190804 to 190808. Kyonkwi.

- |   |  |
|---|--|
| 190804. K 19. <i>Rokkaku Tamamugi, 687.</i> | 190806. K 21. <i>Yoheirokkaku Omugi.</i> |
| 190805. K 20. <i>Ryuujinsomugi.</i>         | 190807. K 22. <i>Hotoku.</i>             |
|   | 190808. K 23. <i>Risen.</i>              |

## 190809 to 190817. Chungchong.

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 190809. K 24. <i>Somugi No. 15.</i> | 190811. K 26. <i>Hoon.</i>         |
| 190810. K 25. <i>Injo.</i>          | 190812. K 27. <i>Somugi; Eido.</i> |

## 190641 to 190855—Continued

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|---|--|
| 190813. K 28. <i>Uessarupori.</i>                   | 190816. K 31. <i>Chobo.</i>                            |
| 190814. K 29. <i>Kojo Zairai.</i>                   | 190817. K 32. <i>Chonbori; Chunan.</i>                 |
| 190815. K 30. <i>Tonbori.</i>                       |  |
| 190818 to 190837. <i>Kyongsang.</i>                 |  |
| 190818. K 33. <i>Sarupori.</i>                      | 190828. K 43. <i>Wakan.</i>                            |
| 190819. K 34. <i>Koyo Zairai.</i>                   | 190829. K 44. <i>Sarupori; Taikyu.</i>                 |
| 190820. K 35. <i>Zairai</i><br><i>Rokkaku.</i>      | 190830. K 45. <i>Kyosho Zairai.</i>                    |
| 190821. K 36.                                       | 190831. K 46. <i>Shinshu Hadaka.</i>                   |
| 190822. K 37. <i>Geijitsu</i><br><i>Montonpori.</i> | 190832. K 47. <i>Shinshu Zairai.</i>                   |
| 190823. K 38. <i>Teisen No. 1.</i>                  | 190833. K 48. <i>Wado; Torai.</i>                      |
| 190824. K 39. <i>Hoka.</i>                          | 190834. K 49. <i>Murasaki Hadaka;</i><br><i>Bazan.</i> |
| 190825. K 40. <i>Tenson.</i>                        | 190835. K 50. <i>Shinkyo.</i>                          |
| 190826. K 41. <i>Shoshu.</i>                        | 190836. K 51. <i>Nankai.</i>                           |
| 190827. K 42. <i>Gun'i.</i>                         | 190837. K 52. <i>Toei.</i>                             |
| 190838 to 190855. <i>Cholla.</i>                    |  |
| 190838. K 53. <i>Neietsu</i><br><i>Akihadaka.</i>   | 190846. K 61. <i>Fuanwaisarupori,</i><br><i>150.</i>   |
| 190839. K 54. <i>Kinsan</i><br><i>Zairai.</i>       | 190847. K 62. <i>Aomugi.</i>                           |
| 190840. K 55. <i>Saigen</i><br><i>Zairai.</i>       | 190848. K 63. <i>Ninjutsudo</i><br><i>Hadaka.</i>      |
| 190841. K 56. <i>Chosindo</i><br><i>Hadaka.</i>     | 190849. K 64. <i>Chin'ando Hadaka.</i>                 |
| 190842. K 57. <i>Nangencho</i><br><i>No. 2.</i>     | 190850. K 65. <i>Teisen No. 5.</i>                     |
| 190843. K 58. <i>Keiroku.</i>                       | 190851. K 66. <i>Kokujo.</i>                           |
| 190844. K 59. <i>Somugi.</i>                        | 190852. K 67. <i>Kumamoto; Kozan.</i>                  |
| 190845. K 60. <i>Zenshu</i><br><i>Zairai.</i>       | 190853. K 68. <i>Kakkyo.</i>                           |
|   | 190854. K 69. <i>Hojo.</i>                             |
|   | 190855. K 70. <i>Koyo.</i>                             |

## 190856. SOLANUM BONARIENSE L. Solanaceae.

From Chile. Seeds presented by Carlos Junge, Jardin Zoologico, Concepción.  
Received Sept. 19, 1950.

## 190857. SPATHOLOBUS PARVIFLORUS (Roxb.) Kuntze. Fabaceae.

From India. Seeds presented by the Forest Research Institute, Botany  
Branch, Dehra Dun. Received Sept. 15, 1950.

## 190858 and 190859. LYCOPERSICON ESCULENTUM Mill.

Solanaceae.

Tomato.

From Argentina. Seeds presented by Dr. F. O. Holmes, Rockefeller Institute  
for Medical Research, New York, N. Y. Received Sept. 20, 1950.

190858. *Rey de Los Tempranos.*

190859. (No data.)

## 190860. CANARIUM INDICUM Stickm. Balsameaceae. Kanari.

From Costa Rica. Seeds obtained from the United States Department of  
Agriculture Rubber Plant Field Station, Turrialba. Received Sept. 21,  
1950.

**190861. PIPER NIGRUM L. Piperaceae.****Black pepper.**

From India. Plants presented by the Madras Department of Agriculture, Madras. Received Sept. 22, 1950.

*Kalluvally.*

**190862 to 190881.**

From Brazil. Seeds presented by Carlos A. Krug, Instituto Agronómico, Campinas, São Paulo. Received Sept. 25, 1950.

**190862. ALYSICARPUS VAGINALIS (L.) DC. Fabaceae.**

**Alyceclover.**

No. 500.

**190863. CANAVALIA ENSIFORMIS (L.) DC. Fabaceae.**

**Jackbean.**

**190864. CENTROSEMA PUBESCENS Benth. Fabaceae.**

No. 24.

**190865. CLITORIA TERNATEA L. Fabaceae.**

No. 4.

**190866. CROTALARIA GRANTIANA Harv. Fabaceae.**

No. 76.

**190867. CROTALARIA JUNCIA L.**

**Sunn-hemp.**

No. 5.

**190868 and 190869. CROTALARIA SPECTABILIS Roth.**

**190868.**

**190869. No. 88.**

**190870. CROTALARIA VERRUCOSA L.**

No. 30.

**190871. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.**

**Guar.**

No. 550.

**190872 to 190874. GLYCINE MAX (L.) Merr. Fabaceae.**

**Soybean.**

**190872. No. 45.**

**190873. No. 47.**

**190874. No. 52.**

**190875. INDIGOFERA HIRSUTA L. Fabaceae.**

**Indigo.**

No. 11.

**190876. LUPINUS ALBUS L. Fabaceae.**

**White lupine.**

No. 39.

**190877 to 190879. STIZOLOBIUM DEERINGIANUM Bort. Fabaceae.**

**Velvetbean.**

**190877. No. 62.**

**190878. No. 473.**

**190879. No. 525.**

**190880. STIZOLOBIUM PACHYLOBIUM Piper & Tracy.**

No. 472.

**190881. TEPHROSIA TOXICARIA (Sw.) Pers. Fabaceae.**

No. 107.



**190882 to 190885. GOSSYPIUM TOMENTOSUM Nutt. Malvaceae. Cotton.**

From Hawaii. Seeds collected by J. A. Rigney, Agricultural Experiment Station, Raleigh, North Carolina. Received Sept. 25, 1950.

190882. Koko Crater. June 27, 1950.

190883. Koko Crater. Aug. 25, 1950.

190884. Waianae. Aug. 29, 1950.

190885. Between Makapuu and Koko Crater.

**190886 to 190890.**

From the Netherlands. Seeds presented by Dr. P. J. S. Cramer, Wassenaar. Received Sept. 25, 1950.

190886. BIXA ORELLANA L. Bixaceae. Anatto-tree.  
*C. T. 4., Cramer's Selection.*

190887. COFFEA sp. Rubiaceae. Coffee.  
*Dybowski 2.*

190888. COFFEA EXCELSA Cheval.  
*121-09.*

190889. COFFEA.  
*No. 3. Introduced as C. klainei, an apparently unpublished name.*

190890. COFFEA LIBERICA Bull. Liberian coffee.  
*Pasir Bogor 21.*

**190891. SOLANUM sp. Solanaceae.**

From Bolivia. Tubers presented by Winifred Brooks, British Consulate, La Paz. Received Sept. 26, 1950.

Lake Titicaca, Huatahata District; altitude 12,000 feet.

**190892. GOSSYPIUM TOMENTOSUM Nutt. Malvaceae. Cotton.**

From Hawaii. Collected by J. A. Rigney, Agricultural Experiment Station, Raleigh, N. C. Received Sept. 27, 1950.

Kamiloloa, Molokai.

**190893 to 190903. SACCHARUM. Poaceae. Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiment Stations, Brisbane, Queensland. Received Sept. 27, 1950.

190893. *G 262.* 190899. *Black Cheribon.*

190894. *G 323.* 190900. *Endor.*

190895. *H 231.* 190901. *Neptune.*

190896. *H 233.* 190902. *Otamite.*

190897. *H 254.* 190903. *Petite Sonnevile.*

190898. *H 281.*

**190904. CREPIS NEMETZII K. H. Rech. Asteraceae.**

From Turkey. Roots presented by Prof. Heilbronn, Kiymetsiz Numune. Received Sept. 27, 1950.

**190905. OCHLANDRA TRAVANCORICA Benth. Poaceae. Bamboo.**

From India. Seeds presented by M. B. Raizada, Forest Research Institute, Dehra Dun. Received Sept. 28, 1950.

**190906. LACTUCA AUGUSTANA All. Asteraceae.**

From Czechoslovakia. Seeds presented by the Botanic Garden, Tabor.  
Received Sept. 29, 1950.

**190907 to 190910. RICINUS COMMUNIS L. Euphorbiaceae.****Castorbean.**

From Kenya. Seeds presented by Stewart Gillett, Nairobi. Received Sept.  
29, 1950.

190907. *Gicern.*190909. *Kithigo.*190908. *Kibago.*190910. *Ndune.***190911. DIOSCOREA QUATERNATA J. F. Gmel. Dioscoreaceae.****Yam.**

From North Carolina. Seeds collected by R. K. Godfrey, Hamilton. Received  
Oct. 2, 1950.

**190912 and 190913. STROPHANTHUS INTERMEDIUS Pax. Apocynaceae.**

From Angola. Seeds presented by John Gossweiler, Angolan Department of  
Agriculture, Luanda. Received Oct. 2, 1950.

190912. No. 1.

190913. No. 2.

**190914. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Sweden. Seeds presented by W. Weibull, Landskrona. Received Oct.  
20, 1950.

*Weibulls Original Pondus.***190915 to 190982. TRITICUM spp. Poaceae.****Wheat.**

From Spain. Seeds presented by the Estación Experimental de Aula Dei,  
Zaragoza. Received Sept. 28, 1950.

190915. *TRITICUM MONOCOCCUM* var. *AEGILOPOIDES* Aschers. & Graebn.  
No. 2463.

190916 and 190917. *TRITICUM COMPACTUM* Host.

190916. No. 2411 A.

190917. No. 3816.

190918 and 190919. *TRITICUM DICOCCOIDES* Koern.

190918. No. 2469.

190919. No. 2470.

190920 to 190932. *TRITICUM DICOCCUM* Schrank.

190920. No. 2323 A.

190927. No. 2476.

190921. No. 2467.

190928. No. 2477.

190922. No. 2471.

190929. No. 2478.

190923. No. 2472.

190930. No. 2479.

190924. No. 2473.

190931. No. 2480.

190925. No. 2474.

190932. No. 2481.

190926. No. 2475.

190933 to 190938. *TRITICUM DURUM* Desf.**Durum wheat.**

190933. No. 2255 A.

190936. No. 3896.

190934. No. 2485.

190937. No. 3901.

190935. No. 2486.

190938. No. 3990.

## 190915 to 190982—Continued

## 190939 to 190946. TRITICUM MONOCOCCUM L.

190939. No. 2324 A.	190943. No. 2954.
190940. No. 2465.	190944. No. 2967.
190941. No. 2466.	190945. No. 3962.
190942. No. 2494.	190946. No. 3967.

190947. TRITICUM MONOCOCCUM var. AEGILOPOIDES Aschers. & Graebn.  
No. 3872.

## 190948 to 190950. TRITICUM PERSICUM (Boiss.) Aitch. &amp; Hemsl.

190948. No. 2482.
190949. No. 3772.
190950. No. 3801.

## 190951. TRITICUM POLONICUM L.

No. 3823.

## 190952 to 190972. TRITICUM SPELTA L.

Spelt.

190952. No. 2161 A.	190963. No. 2959.
190953. No. 2468 A.	190964. No. 3191.
190954. No. 2469 A.	190965. No. 3687.
190955. No. 2470 A.	190966. No. 3715.
190956. No. 2471 A.	190967. No. 3731.
190957. No. 2532.	190968. No. 3736.
190958. No. 2533.	190969. No. 3756.
190959. No. 2534.	190970. No. 3832.
190960. No. 2535.	190971. No. 3876.
190961. No. 2536.	190972. No. 3877.
190962. No. 2670.	

## 190973 and 190974. TRITICUM TIMOPHEEVII Zhuk.

190973. No. 2483.
190974. No. 2675.

## 190975 to 190981. TRITICUM TURGIDUM L.

190975. No. 2163 A.	190979. No. 3786.
190976. No. 2412 A.	190980. No. 3878.
190977. No. 3602.	190981. No. 3879.
190978. No. 3678.	

## 190982. TRITICUM SPHAEROCOCCUM Percival.

No. 2531.

## 190983 to 192866. TRITICUM spp. Poaceae.

Wheat.

From Spain. Seeds presented by the Estación Experimental de Aula Dei,  
Zaragoza. Received Sept. 28, 1950.

## 190983 to 192479. TRITICUM AESTIVUM L.

Common wheat.

190983 to 190987. From Spain.

190983. No. 2001. <i>Adjini</i> . Barcelona.
190984. No. 2002. <i>Africano Precoz</i> .

## 190983 to 192866—Continued

190985. No. 2003. *Akagomugh Involcable Vilmorin.*  
190986. No. 2004. *Alaga.*  
190987. No. 2005. *Alcala la Real.*  
190988 and 190989. Originally from Portugal.  
190988. No. 2006. *Alentejano.*  
190989. No. 2008. *Alexandre.*  
190990 to 190995. From Spain.  
190990. No. 2010. *Almendral.*  
190991. No. 2011. *Alonso.*  
190992. No. 2012. *Alonso Perez Jurado.*  
190993. No. 2013. *Amapolo.*  
190994. No. 2016. *Amorabieta y Cordejuela.*  
190995. No. 2017. *Amoros.*  
190996. No. 2019. *Anafil Escuro.* Originally from Sacavém, Portugal.  
190997 to 191014. From Spain.  
190997. No. 2020. *Andalucia 344.*  
190998. No. 2021. *Aragon.*  
190999. No. 2022. *Aragon de Huerta.*  
191000. No. 2023. *Aragon 03 × Baart.*  
191001. No. 2024. *Aragon 03 × L. 4.*  
191002. No. 2025. *Aragon 03 × Manitoba.*  
191003. No. 2026. *Aragon 03 × Marquillo.*  
191004. No. 2027. *Aragon 03 × Marquillo.*  
191005. No. 2028. *Aragon 03 × Marquis.*  
191006. No. 2029. *Aragon 03 × Red Fife.*  
191007. No. 2030. *Aragon 03 × Varrone.*  
191008. No. 2031. *Aragon 03 × Varrone.*  
191009. No. 2035. *Arlante.*  
191010. No. 2037. *Azul de Carmona.*  
191011. No. 2038. *Azulejo.*  
191012. No. 2039. *Azulejo de Villa Del Rio.*  
191013. No. 2042. *Balazote.*  
191014. No. 2043. *Ballobar.*  
191015. No. 2045. *Barbado en Galego Rapado.* Sacavém, Portugal.  
191016. No. 2048. *Barbilla.* Canary Islands.  
191017 to 191027. From Spain.  
191017. No. 2049. *Barbilla de Cadiz.*  
191018. No. 2050. *Barbilla de Huelva.*  
191019. No. 2052. *Berberisco.*  
191020. No. 2053. *Bergantinos.*  
191021. No. 2055. *Blanco de Corella.*  
191022. No. 2056. *Blanco de Liebana.*

## 190983 to 192866—Continued

191023. No. 2057. *Blanco de Segarra*.  
191024. No. 2058. *Blanco de Vegadeo*.  
191025. No. 2059. *Blanquillo de Almaden*.  
191026. No. 2060. *Blanquillo de Badajoz*.  
191027. No. 2063. *Blanquillo de Toledo*.

191028 and 191029. Originally from French Morocco.

191028. No. 2064. *Ble Dur 181*.  
191029. No. 2065. *Ble Dur 250*.

191030 to 191079. From Spain.

191030. No. 2071. *Bonito de Caceres*.  
191031. No. 2073. *Cabeza Negra*.  
191032. No. 2074. *Cabazon Alto*.  
191033. No. 2075. *Cabazon de Goni*.  
191034. No. 2076. *Cabazon de Valdegoni*.  
191035. No. 2077. *Cabezorro de Caceres*.  
191036. No. 2079. *Candeal Tipo*.  
191037. No. 2081. *Candeal de Arevalo*.  
191038. No. 2082. *Candeal de Brihuega*.  
191039. No. 2083. *Candeal* × *Catalan 17*.  
191040. No. 2084. *Candeal Chamorro*.  
191041. No. 2085. *Candeal Chamorro*.  
191042. No. 2086. *Candeal de Alcaraz*.  
191043. No. 2087. *Candeal Basto de Calera*.  
191044. No. 2088. *Candeal de Ciudad Real*.  
191045. No. 2089. *Candeal de Cuenca*.  
191046. No. 2090. *Candeal de Granada*.  
191047. No. 2091. *Candeal Grano Sepia*.  
191048. No. 2092. *Candeal Fino de Manaya*.  
191049. No. 2093. *Candeal de la Sagra*.  
191050. No. 2094. *Candeal de Salamanca*.  
191051. No. 2095. *Candeal de Segovia*.  
191052. No. 2096. *Candeal de Soria*.  
191053. No. 2099. *Cana Gruesa*.  
191054. No. 2101. *Caravaca I*.  
191055. No. 2102. *Caravaca 4*.  
191056. No. 2106. *Cart*.  
191057. No. 2108. *Cascalvo, Lucena & Montilla*.  
191058. No. 2109. *Caspino*.  
191059. No. 2111. *Catalan*.  
191060. No. 2112. *Catalan Compacto*.  
191061. No. 2113. *Catalan 17* × *Catalan Candeal*.  
191062. No. 2114. *Catalan 17* × *Catalan Candeal* (T. 2).

## 190983 to 192866—Continued

191063. No. 2115. *Catalan 17* × *Catalan Candéal* (T. 3).  
191064. No. 2116. *Catalan 17* × *Catalan Candéal* (T. 4).  
191065. No. 2118. *Catalan Rojo*.  
191066. No. 2119. *Catalan 4* × *Catalan Rojo*.  
191067. No. 2120. *Catalan 4* × *Royo*.  
191068. No. 2121. *Catalan 11* × *Marquis*.  
191069. No. 2122. *Catalan 17* × *Candéal*.  
191070. No. 2123. *Catalan Blanco* × *Candéal* (type 1).  
191071. No. 2124. *Catalan Blanco* × *Candéal* (type 2).  
191072. No. 2125. *Catalan de Monte*.  
191073. No. 2126. *Catalan Pollinino* × *Tamarite*.  
191074. No. 2127. *Catalan de Sahagun*.  
191075. No. 2129. *Chamorro de Hellin*.  
191076. No. 2130. *Clara Fino de Balazote*.  
191077. No. 2131. *Colorado de Alfara*.  
191078. No. 2132. *Colorado de Espera L. 10*.  
191079. No. 2133. *Colorado de Jerez*.  
191080. No. 2134. *Colorado de la Laguna*. Canary Islands.  
191081 to 191084. From Spain.  
191081. No. 2135. *Coruche*.  
191082. No. 2136. *Curraura* × *Mentana*.  
191083. No. 2137. *Curraura* × *Mentana*.  
191084. No. 2139. *D. 2. Granja de Ejea*.  
191085. No. 2142. *Due-cento-dieci; Aristado*. From Italy.  
191086 to 191100. From Spain.  
191086. No. 2148. *Durango*.  
191087. No. 2149. *Duro Sin Nombre*.  
191088. No. 2150. *Duro Africano*.  
191089. No. 2151. *Duro de Cadreita*.  
191090. No. 2152. *Enano de Jaen*.  
191091. No. 2153. *Escanda de Malvedo*.  
191092. No. 2154. *Escanda de Somiedo*.  
191093. No. 2155. *Escandia*.  
191094. No. 2156. *Escana de Cordoba*.  
191095. No. 2157. *Escana de Guadalajara*.  
191096. No. 2158. *Escana de Huelva*.  
191097. No. 2159. *Escana de Jerez*.  
191098. No. 2160. *Escana de Martos*.  
191099. No. 2164. *Espleta; Blanco*.  
191100. No. 2165. *Espelta; Rojo*.  
191101. No. 2167. *Espanol*. Canary Islands.

## 190983 to 192866—Continued

191102 to 191105. From Spain.

191102. No. 2169. *Farto*.191103. No. 2170. *Farto*.191104. No. 2171. *Fino Barearrotá*.191105. No. 2172. *Fino o Claro de Petrola*.191106. No. 2176. *Franssineto*. Italy.191107. No. 2178. *Fundición*. Santander, Spain.191108. No. 2182. *Garigliano*. Italy.

191109 to 191127. From Spain.

191109. No. 2183. *Jeja Basta*.191110. No. 2184. *Jeja Basta*.191111. No. 2185. *Jeja Basta*.191112. No. 2186. *Jeja Basta*.191113. No. 2187. *Jeja Basta*.191114. No. 2188. *Jeja Basta*.191115. No. 2189. *Jeja Basta*.191116. No. 2190. *Jeja Colorada de Villarrobledo*.191117. No. 2191. *Jeja Huerta Basta*.191118. No. 2194. *Grandal*.191119. No. 2198. *Guipuzcoa Zona Baja*.191120. No. 2199. *Hatif Inversible* × *Aragon 03*.191121. No. 2202. *Hembrilla de Alfaro*.191122. No. 2209. *Jeja de Barcelona*.191123. No. 2211. *Jeja de Cuenca*.191124. No. 2213. *Jeja de Tarragona*.191125. No. 2215. *Jerez; Cadiz*.191126. No. 2216. *Jerez 1936*.191127. No. 2217. *Jerez 1937*.191128. No. 2219. *L. 4*. France.

191129 to 191151. From Spain.

191129. No. 2220. *Langlois*.191130. No. 2225. *Magdalena*.191131. No. 2227. *Mangalon de Montilla*.191132. No. 2228. *Manitoba*.191133. No. 2229. *Manitoba Degenerado*.191134. No. 2230. *Manitoba Degenerado*.191135. No. 2231. *Marceno de Lerida*.191136. No. 2232. *Marceno de Pontevedra*.191137. No. 2235. *Marquis* × *Mocho*.191138. No. 2236. *Marruecos o Mocho*.191139. No. 2237. *Marruecos o Mocho*.191140. No. 2248. *Mocho*.

## 190983 to 192866—Continued

191141. No. 2249. *Mocho Rojo Alto*.  
191142. No. 2251. *Mocho Ruiz de Aroniz*.  
191143. No. 2252. *Mocho de Santander*.  
191144. No. 2255. *Molino de Plata*.  
191145. No. 2256. *Molla*.  
191146. No. 2259. *Monococcum*.  
191147. No. 2260. *Monte*.  
191148. No. 2261. *Monte Del Pais*.  
191149. No. 2262. *Monte Aragon*.  
191150. No. 2263. *Monte Aragon*.  
191151. No. 2264. *Monte Aragon*.  
191152. No. 2266. *Mouriaco*. Sacavém, Portugal.  
191153 to 191203. From Spain.  
191153. No. 2270. *Navarro 13*.  
191154. No. 2271. *Navarro 17*.  
191155. No. 2272. *Navarro 23*.  
191156. No. 2273. *Navarro 25*.  
191157. No. 2274. *Navarro 26*.  
191158. No. 2275. *Navarro 31*.  
191159. No. 2276. *Navarro 32*.  
191160. No. 2277. *Navarro 50*.  
191161. No. 2295. *Navarro 152*.  
191162. No. 2296. *Navarro 154*.  
191163. No. 2300. *Navarro 172*.  
191164. No. 2302. *Navarro 174*.  
191165. No. 2303. *Navarro 183*.  
191166. No. 2304. *Navarro 188*.  
191167. No. 2305. *Navarro 191*.  
191168. No. 2306. *Navarro 193*.  
191169. No. 2307. *Navarro 194*.  
191170. No. 2314. *Navarro 291*.  
191171. No. 2315. *Navarro 295*.  
191172. No. 2316. *Navarro 297*.  
191173. No. 2317. *Navarro 302*.  
191174. No. 2318. *Navarro 311*.  
191175. No. 2319. *Navarro 313*.  
191176. No. 2320. *Navarro 325*.  
191177. No. 2323. *Negro de Beunza*.  
191178. No. 2326. *Obispado de Lebrija*.  
191179. No. 2327. *Omed Zenati*.  
191180. No. 2330. *Pelade de Artajona*.  
191181. No. 2348. *Raspinegro de Aguilas*.



## 190983 to 192866—Continued

191182. No. 2349. *Raspinegro de Alcala.*  
 191183. No. 2350. *Raspinegro de Alcolea.*  
 191184. No. 2351. *Rapen de Asturias.*  
 191185. No. 2352. *Raspinegro de Cabanillas.*  
 191186. No. 2353. *Raspinegro de Huelva.*  
 191187. No. 2354. *Raspinegro de Murcia.*  
 191188. No. 2355. *Raspinegro de Villanueva.*  
 191189. No. 2356. *Recio de Almeria.*  
 191190. No. 2357. *Recio de Granada.*  
 191191. No. 2358. *Recio de Iznalloz.*  
 191192. No. 2359. *Tecio de Toledo.*  
 191193. No. 2364. *Rojal de Alicante.*  
 191194. No. 2365. *Rojal de Almeria.*  
 191195. No. 2366. *Rojal de Murcia.*  
 191196. No. 2367. *Rojo de Burgos.*  
 191197. No. 2368. *Rojo de Carcedo.*  
 191198. No. 2369. *Rojo de Eslava.*  
 191199. No. 2370. *Rojo de Humanes.*  
 191200. No. 2371. *Rojo de Sabando.*  
 191201. No. 2372. *Rojo de Villacaron.*  
 191202. No. 2373. *Royo de Pamplona.*  
 191203. No. 2374. *Rubial de Liebans.*  
 191204. No. 2375. *Rubião. Sacavém, Portugal.*  
 191205 to 191208. From Spain.  
     191205. No. 2379. *Rubio de Belalcazar.*  
     191206. No. 2381. *Rubio de Miajadas.*  
     191207. No. 2384. *Ruiz de Aroniz.*  
     191208. No. 2385. *Ruso.*  
 191209 and 191210. From Italy.  
     191209. No. 2390. *Sambaudia.*  
     191210. No. 2391. *San Giorgio.*  
 191211. No. 2393. *San Rafael. From Spain.*  
 191212 and 191213. From Portugal.  
     191212. No. 2394. *Santareno.*  
     191213. No. 2396. *Santa Marta.*  
 191214 to 191226. From Spain.  
     191214. No. 2398. *Senatore Cencelli.*  
     191215. No. 2400. *Sierra Nevada.*  
     191216. No. 2403. *Todaro × Allies.*  
     191217. No. 2404. *Toseta de Huesca.*  
     191218. No. 2405. *Toseta de Jaca.*  
     191219. No. 2406. *Toseta de Navascues.*

## 190983 to 192866—Continued

191220. No. 2407. *Toseta de Soria*.  
191221. No. 2408. *Tremesino de Olivenza*.  
191222. No. 2413. *Tremesino de Liebana*.  
191223. No. 2415. *Valenciano*.  
191224. No. 2416. *Valenciano*.  
191225. No. 2417. *Valenciano*.  
191226. No. 2418. *Varrone* × *Aragon 03*.  
191227. No. 2420. *Verdeal Rijo*. Sacavém, Portugal.  
191228 to 191263. From Spain.  
191228. No. 2423. *Villaverde de Trucios*.  
191229. No. 2425. *Vitoria 1*.  
191230. No. 2426. *Vitoria 8*.  
191231. No. 2427. *X. X*.  
191232. No. 2428. *Xexa de Alicante*.  
191233. No. 2429. *Xexa Del Vall*.  
191234. No. 2430. *Yugo-Eslavo*.  
191235. No. 2431. *Zenatix Bonteille*.  
191236. No. 2432. *Zona Media de Guipuzcoa*.  
191237. No. 2433. *Zona de la Reinosa*.  
191238. No. 2434. *Triga de Huerta Montblanche*.  
191239. No. 2435. *Santa Coloma*.  
191240. No. 2436. *Jeja de Conesa*.  
191241. No. 2437. *Montjui Del Pais*.  
191242. No. 2438. *Trigo de Vimbodi*.  
191243. No. 2439. *Candeal de Vellisca*.  
191244. No. 2440. *Jeja Villar de Domingo Garcia*.  
191245. No. 2441. *Jeja de Almendros*.  
191246. No. 2442. *Jeja de Torrecilla*.  
191247. No. 2443. *Negrete de Priego*.  
191248. No. 2444. *Chamorro Villar de Canas*.  
191249. No. 2445. *Trigo de Albadea*.  
191250. No. 2446. *Escana Olivares de Jucar*.  
191251. No. 2447. *Ricio San Clemente*.  
191252. No. 2448. *Escana Doble Valverde de Jucar*.  
191253. No. 2451. *Blando 1611*.  
191254. No. 2452. *Duro 250*.  
191255. No. 2453. *Duro 272*.  
191256. No. 2454. *Duro Recio Pais*.  
191257. No. 2455. *Blando 386*.  
191258. No. 2456. *Duro 1658*.  
191259. No. 2457. *Duro 0181*.  
191260. No. 2458. *Blando 1812*.

## 190983 to 192866—Continued

191261. No. 2460. *Blando 588.*  
 191262. No. 2461. *Blando 2635.*  
 191263. No. 2462. *Blando Granja Mellilla.*  
 191264. No. 2487. *Wilhelmina.* The Netherlands.  
 191265 to 191267. From Gembloux, Belgium.  
 191265. No. 2488. *Wilhelmina I.*  
 191266. No. 2489. *Wilhelmina II.*  
 191267. No. 2490. *Bland Inversable.*  
 191268. No. 2491. *Wageningen H.* The Netherlands.  
 191269 to 191273. From Gembloux, Belgium.  
 191269. No. 2492. *Wilhelmina.*  
 191270. No. 2493. *Wilhelmina W. F. F. 4.*  
 191271. No. 2495. *Courte Paille.*  
 191272. No. 2496. *Blanc Precoce.*  
 191273. No. 2497. *Precoce C. D.*  
 191274 to 191288. From the Soviet Union.  
 191274. No. 2498. *0479 Leningrad.*  
 191275. No. 2499. *Moskowskaia.*  
 191276. No. 2501. *Milturum Al. 0274.*  
 191277. No. 2504. *Moskowskaia A. 02267.*  
 191278. No. 2505. *Graecum Korn 01774.*  
 191279. No. 2506. *Erythrospermum; Korn Russak 0841.*  
 191280. No. 2507. *Moskowskaia 02411.*  
 191281. No. 2508. *Moskowskaia Osimy Russak 052.*  
 191282. No. 2509. *Moskowskaia Novo Krymka 0102.*  
 191283. No. 2510. *Moskowskaia Kooperastorka 0194.*  
 191284. No. 2511. *Moskowskaia Stepniatchka 0496.*  
 191285. No. 2512. *Moskowskaia Banatka Mestnaia.*  
 191286. No. 2513. *Moskowskaia Banatka 1540.*  
 191287. No. 2514. *Moskowskaia Tejskaia.*  
 191288. No. 2516. *Moskowskaia Ukrainka 0246.*  
 191289 to 191293. From Portugal.  
 191289. No. 2517. *Lignee 37.*  
 191290. No. 2518. *Lignee 116.*  
 191291. No. 2519. *Lignee 241.*  
 191292. No. 2520. *Lignee 171.*  
 191293. No. 2521. *Lignee 232.*  
 191294 to 191296. From the Soviet Union.  
 191294. No. 2522. *Udyczanska 05.233 Originalna.*  
 191295. No. 2523. *Moskowskaia A.02453.*  
 191296. No. 2524. *Moskowskaia A.27.*

## 190983 to 192866—Continued

191297 and 191298. From Poland.

191297. No. 2525. *Prince Andre No. 2.*

191298. No. 2526. *Eka.*

191299 and 191300. From the Soviet Union.

191299. No. 2527. *Ostka Mihulicka.*

191300. No. 2528. *Ostka Grodkourcka.*

191301 to 191306. From Gembloux, Belgium.

191301. No. 2530. *Sahari M. 3.*

191302. No. 2537. *Ministre, Gembloux.*

191303. No. 2538. *Alba.*

191304. No. 2539. *Bledor.*

191305. No. 2540. *Institut de Gembloux 18.102.*

191306. No. 2541. *Strubes Fruh.*

191307. No. 2542. *Imperial II.* The Netherlands.

191308 to 191311. From Gembloux, Belgium.

191308. No. 2543. *Professeur Delos.*

191309. No. 2544. *Rufum.*

191310. No. 2545. *Zanda.*

191311. No. 2546. *Carsten V.*

191312. No. 2547. *Mendel.* From Svalov, Sweden.

191313 to 191316. From Gembloux, Belgium.

191313. No. 2548. *Benoist 40.*

191315. No. 2551. *Pevele.*

191314. No. 2549. *Jubile, Gembloux.*

191316. No. 2552. *Yga.*

191317 to 191329. From Sweden.

191317. No. 2553. *Skandia II.* 191324. No. 2561. *Hansa.*

191318. No. 2554. *Soleil IV.* 191325. No. 2562. *Mendel.*

191319. No. 2555. *Caner.* 191326. No. 2563. *Odin.*

191320. No. 2556. *Blanka.* 191327. No. 2564. *Progress.*

191321. No. 2557. *Borg.* 191328. No. 2565. *Robur.*

191322. No. 2559. *Ella.* 191329. No. 2566. *Skandia III B.*

191323. No. 2560. *Fylgia.*

191330. No. 2567. *Pinsana.* Tarragona, Spain.

191331 to 191343. From Bologna, Italy.

191331. No. 2568. *Rieti 11.*

191332. No. 2569. *Cologna 12.*

191333. No. 2570. *Gentilrosso 48.*

191334. No. 2571. *Marsuolo 87.*

191335. No. 2572. *Inallettibile 96.*

191336. No. 2574. *Due-cento-dieci (I.B.O.)*

191337. No. 2579. *Funo (I.B.O. 69).*

191338. No. 2580. *Fortunato (I.B.O. 219).*

191339. No. 2584. *Turminillo.*

## 190983 to 192866—Continued

191340. No. 2585. *Prec. Inall. Vilmorin.*191341. No. 2586. *Wilhelmina.*191342. No. 2587. *Inversable Bordeaux.*191343. No. 2589. *Pusa.*

## 191344 to 191348. From Japan.

191344. No. 2603. *Shirokomughi.*191345. No. 2609. *Shiroadaruma.*191346. No. 2610. *Sazkakewan.*191347. No. 2611. *Shirokawa-Shiro.*191348. No. 2612. *Sapporo-Harukomughi.*

## 191349 to 191357. From the Soviet Union.

191349. No. 2613. *Tscherkorwo 1.*191350. No. 2615. *Ukrainka 0246.*191351. No. 2616. *Novinka.*191352. No. 2617. *Stepnistschka.*191353. No. 2618. *Novokrimka 0204.*191354. No. 2619. *Novokrimka 102.*191355. No. 2620. *Sofia Pavlikeni.*191356. No. 2622. *Mariza Sadovo.*191357. No. 2623. *Dunavka Sadovo.*

## 191358 to 191361. From Bologna, Italy.

191358. No. 2624. *Kneja 75.* 191360. No. 2626. *Kneja 100—A.*191359. No. 2625. *Kneja 110.* 191361. No. 2627. *Kneja 107.*191362. No. 2628. *Ivantscha 197; Pavlikani.* From the Soviet Union.191363. No. 2629. *Russie 062.* Bologna, Italy.191364. No. 2630. *Ukrainka.* From the Soviet Union.

## 191365 to 191395. From Bologna, Italy; originally from Ethiopia.

191365. No. 2632. *Str. 464.*191366. No. 2633. *Str. 467.*191367. No. 2634. *Str. 469.*191368. No. 2635. *Str. 472.*191369. No. 2636. *Str. 483.*191370. No. 2637. *Str. 573.*191371. No. 2639. *Str. 1248 Harar.*191372. No. 2642. *Amarai Tzada Cheru.*191373. No. 2645. *Sernai Caieh.*191374. No. 2647. *Felasit Caieh.*191375. No. 2648. *Quoram.*191376. No. 2651. *Erinaceum.*191377. No. 2653. *Creticum.*191378. No. 2654. *Icterinum.*191379. No. 2655. *Wernerianum.*

## 190983 to 192866—Continued

191380. No. 2656. *Albiceps*.  
 191381. No. 2659. *Flavescens*.  
 191382. No. 2660. *Hornemannii*.  
 191383. No. 2661. *Laetissimum*.  
 191384. No. 2662. *Semiaristato*.  
 191385. No. 2663. *Aristato*.  
 191386. No. 2664. Str. 1947. Harar.  
 191387. No. 2665. Str. 1975. Harar.  
 191388. No. 2666. *Farrum*.  
 191389. No. 2667. *Macretherum*.  
 191390. No. 2668. *Rufum*.  
 191391. No. 2669. *Tricoccum*.  
 191392. No. 2671. *Arduini*.  
 191393. No. 2672. *Duhamelianum*.  
 191394. No. 2673. *Coeruleum*.  
 191395. No. 2674. *Fuliginosum*.  
 191396 to 191401. From Madrid, Spain.  
 191396. No. 2677. *Aragon*. 191399. No. 2680. *Recio*.  
 191397. No. 2678. *Candeal*. 191400. No. 2681. *Sanatore*.  
 191398. No. 2679. *Raspinegro*. 191401. No. 2682. *Secano 3*.  
 191402 to 191406. From Tetuán, Morocco.  
 191402. No. 2684. *Granja de Melilla*.  
 191403. No. 2685. *Recio Del Pais*.  
 191404. No. 2686. *Del Pais*.  
 191405. No. 2687. *Recio Del Pais*.  
 191406. No. 2688. *Mochó*.  
 191407 to 191409. From France.  
 191407. No. 2689. *Inversable Bordeaux*.  
 191408. No. 2690. *Suzanne Favereau*.  
 191409. No. 2691. *Evolution*.  
 191410 to 191415. From Tetuán, Morocco.  
 191410. No. 2693. *Granja de Melilla*.  
 191411. No. 2694. *Duro Del Pais*.  
 191412. No. 2695. *Duro*.  
 191413. No. 2696. *Blando*.  
 191414. No. 2697. *Granja de Melilla*.  
 191415. No. 2698. *Zoco de Yebel-Hebil*.  
 191416 to 191420. From Madrid, Spain.  
 191416. No. 2703. *Tevere*. 191419. No. 2706. *Rieti*.  
 191417. No. 2704. *Libero*. 191420. No. 2708. *Roma*.  
 191418. No. 2705. *Virgilio*.

## 190983 to 192866—Continued

191421 and 191422. From Svalov, Sweden.

191421. No. 2709. *Skandia II*.

191422. No. 2910. *Progress*.

191423. No. 2711. *Pajbjirg Ideal*. Denmark.

191424. No. 2713. *Ereica*. Svalov, Sweden.

191425 to 191437. From Spain.

191425. No. 2715. *Rieti Del Valle de Arana*.

191426. No. 2716. *E. M. V. No. 1*.

191427. No. 2717. *Vitoria 9*.

191428. No. 2718. *Rojo Sebando*.

191429. No. 2719. *Mocho de Rioja Alavesa*.

191430. No. 2720. *Mocho Blanco del Centro de Alava*.

191431. No. 2721. *Mocho Blanco del Valle de Arava*.

191432. No. 2722. *Rieti*.

191433. No. 2723. *Alhimonta*.

191434. No. 2724. *Alcalareno de la Rambla*.

191435. No. 2725. *Amby*.

191436. No. 2727. *Arco*.

191437. No. 2729. *Australiano No. 1*.

191438. No. 2730. *Aziziah 17/45*. Italy.

191439 and 191440. From Barna, Spain.

191439. No. 2731. *B. T. C. 284*.

191440. No. 2732. *B. T. C. 386*.

191441. No. 2734. *Baionette*. Italy.

191442 to 191447. From Barna, Spain.

191442. No. 2740. *Baruso No. 2*.

191443. No. 2741. *Baruso No. 3*.

191444. No. 2742. *Benoist 37*.

191445. No. 2743. *Blanquillo de Barcarrota* × *Senatore Capelli*.

191446. No. 2744. *Cailloux*.

191447. No. 2746. *Candeal de Monogrande*.

191448. No. 2749. *Dauno III*. Italy.

191449 and 191450. From Barna, Spain.

191449. No. 2750. *Dur de Medeah*.

191450. No. 2755. *Fluria*.

191451. No. 2756. *Gentile Rosso 4*. Italy.

191452 and 191453. From Barna, Spain.

191452. No. 2757. *Guatrache M. A*.

191453. No. 2759. *Hundi*.

191454. No. 2760. *Inalettabile 8*. Italy.

191455 to 191467. From Barna, Spain.

191455. No. 2761. *Jules Tezier*.

## 190983 to 192866—Continued

191456. No. 2763. *Karea*.  
191457. No. 2765. *Klein 32*.  
191458. No. 2767. *Klein 66*.  
191459. No. 2768. *Klein 75*.  
191460. No. 2769. *Klein Acero*.  
191461. No. 2771. *Klein Piramide*.  
191462. No. 2773. *No. 38. M. A.*  
191463. No. 2774. *No. 110. M. A.*  
191464. No. 2775. *Macolo de Jerez*.  
191465. No. 2781. *Mottin*.  
191466. No. 2782. *Negrillo de Guadalajara*.  
191467. No. 2784. *Preparateur Etienne*.  
191468. No. 2786. *Pusa 4*. From India.  
191469 to 191474. From Italy.  
191469. No. 2787. *Razza 11; Tipo Rieti*.  
191470. No. 2788. *Razza 96; Tipo Inalettibile*.  
191471. No. 2789. *Razza 181; Tipo Brotto*.  
191472. No. 2790. *Razza 208; Tipo Zaragolla Zinga-rocca*.  
191473. No. 2791. *Razza 210; Tipo Ibrido 96*.  
191474. No. 2792. *Razza 212; Tipo Australiano*.  
191475 to 191478. From Barna, Spain.  
191475. No. 2793. *Racio de Baza*.  
191476. No. 2794. *Racio de Malaga*.  
191477. No. 2796. *Rismondo*.  
191478. No. 2797. *Saissette de Maninet*.  
191479. No. 2798. *Schribaux 3-1*. France.  
191480 to 191482. From Italy.  
191480. No. 2799. *Stirpe 13; Cosimo Rodolfi*.  
191481. No. 2800. *Stirpe 249; Tipo Ibrido 62*.  
191482. No. 2801. *Tiriamo Diritto*.  
191483. No. 2802. *Trigo 229; Ardito × Mentana*. From Barna, Spain.  
191484. No. 2803. *Utrakan*. From the Soviet Union.  
191485 to 191487. From Italy.  
191485. No. 2804. *Varrone*.  
191486. No. 2805. *Vencelel*.  
191487. No. 2808. *Zara Strampelli*.  
191488 to 192479. From Elvas, Portugal.  
191488. No. 2809. *H 29 A 13781*.  
191489. No. 2810. *HNCE 13414*.  
191490. No. 2811. *H 15 J 13347*.  
191491. No. 2812. *H 33 F 13403*.  
191492. No. 2813. *H 19 A 12712*.



## 190983 to 192866—Continued

191493. No. 2814. *H 32 H 1379013*.  
 191494. No. 2816. *H 39 C 13406*.  
 191495. No. 2817. *H 32 G 13399*.  
 191496. No. 2818. *H 2 B 13326*.  
 191497. No. 2819. *H 19 B 12714*.  
 191498. No. 2820. *H 15 B 13334*.  
 191499. No. 2821. *H 15 C 13336*.  
 191500. No. 2822. *H 39 K 13634*.  
 191501. No. 2823. *H 14 B 12708*.  
 191502. No. 2824. *Hamisa 436-10099*.  
 191503. No. 2825. *Mekki 13-10109*.  
 191504. No. 2827. *Dauno Strampelli 2686 v. 76*.  
 191505. No. 2829. *Marrocos 170-3629*.  
 191506. No. 2831. *Rosafe Argelino*.  
 191507. No. 2832. *Manzanares 2699*.  
 191508. No. 2834. *Biscri-2-10100*.  
 191509. No. 2835. *H 14 E 12711*.  
 191510. No. 2836. *Marrocos 198-3641*.  
 191511. No. 2837. *2235-Indextral HF; 901 Inflatum Oasicolum*.  
 191512. No. 2838. *HP × 36-13461*.  
 191513. No. 2839. *H 33 E 13402*.  
 191514. No. 2840. *H 32 D 13393*.  
 191515. No. 2841. *HNBD 13740*.  
 191516. No. 2842. *H 15 E 13338*.  
 191517. No. 2843. *Farrapo*.  
 191518. No. 2845. *Mahmondi 13483*.  
 191519. No. 2846. *Marrocos 24-3708*.  
 191520. No. 2847. *H 33 A 12729 B*.  
 191521. No. 2848. *HNH 12448*.  
 191522. No. 2849. *H 32 E 13396*.  
 191523. No. 2850. *H 3 A 12698*.  
 191524. No. 2851. *2976-HF 152 CV; Indian Pearl × Oasicolum*.  
 191525. No. 2852. *H 15 B 13359*.  
 191526. No. 2853. *Pagador 10138*.  
 191527. No. 2854. *H 4 B 12704*.  
 191528. No. 2856. *H 23 G 13384*.  
 191529. No. 2857. *HNCC 13412*.  
 191530. No. 2858. *HNAD 12231*.  
 191531. No. 2859. *H 20 C 12719*.  
 191532. No. 2860. *H 15 K 13349*.  
 191533. No. 2861. *H 39 L 13640*.  
 191534. No. 2862. *H 29 A 13792*.

## 190983 to 192866—Continued

191535. No. 2863. *H 16 13362.*  
191536. No. 2864. *H 2 B 13325.*  
191537. No. 2865. *H 3 B 13330.*  
191538. No. 2866. *Punjab 8 A.*  
191539. No. 2867. *216-1-40; (Mentana × Extremo sur Argelino) × Reward-Ideal.*  
191540. No. 2868. *Anca 12372.*  
191541. No. 2869. *Bourdiol.*  
191542. No. 2870. *H 23 H 13385.*  
191543. No. 2871. *H 39 H 13410.*  
191544. No. 2872. *H 33 B 12730 B.*  
191545. No. 2873. *H 15 A 13333.*  
191546. No. 2874. *H 23 B 12723.*  
191547. No. 2875. *H 32 G 13398.*  
191548. No. 2877. *622. Marquis C. I 10 B.*  
191549. No. 2878. *HNBC 13744.*  
191550. No. 2879. *H 3 D 12701.*  
191551. No. 2800. *H 35 J 12742.*  
191552. No. 2881. *H 16 H 13370.*  
191553. No. 2882. *H 32 D 13395.*  
191554. No. 2883. *H 35 J 12741.*  
191555. No. 2884. *H 32 D 13392.*  
191556. No. 2885. *H 16 E 13364.*  
191557. No. 2886. *H 19 A 12713.*  
191558. No. 2887. *H 15 F 13340.*  
191559. No. 2888. *H 15 N 13356.*  
191560. No. 2889. *H 39 J 13647.*  
191561. No. 2890. *H 15 G 13342.*  
191562. No. 2891. *H 5 A 12705.*  
191563. No. 2892. *H 39 J 13648.*  
191564. No. 2893. *Hamira A. C. 5-10035.*  
191565. No. 2894. *H 15 H 13344.*  
191566. No. 2895. *H 15 A 13332.*  
191567. No. 2896. *H 36 D 12746.*  
191568. No. 2897. *HNAA 11546.*  
191569. No. 2898. *Marrocos 20-6187.*  
191570. No. 2899. *H 36 B 12744.*  
191571. No. 2900. *Mahmondi.*  
191572. No. 2901. *H 8 A 13329.*  
191573. No. 2902. *HNBA 13737.*  
191574. No. 2903. *Italiano Rijo 10834.*  
191575. No. 2904. *H 32 B 13390.*  
191576. No. 2905. *H 3 B 12699.*

## 190983 to 192866—Continued

191577. No. 2906. *H 36 A 12743.*  
191578. No. 2907. *H 32 J 13401.*  
191579. No. 2909. *H 33 A 12729.*  
191580. No. 2910. *H 4 A 12703.*  
191581. No. 2911. *H 35 H 12740.*  
191582. No. 2912. *H 16 F 13367.*  
191583. No. 2913. *HNCD 13413.*  
191584. No. 2914. *HNAD 12228.*  
191585. No. 2916. *H 16 H 13371.*  
191586. No. 2917. *H 39 J 13635 A.*  
191587. No. 2918. *H 16 D 13360.*  
191588. No. 2919. *Marrocos 8-3602.*  
191589. No. 2920. *H 16 D 13363.*  
191590. No. 2921. *H 20 B 12718.*  
191591. No. 2922. *H 23 C 12724.*  
191592. No. 2923. *H 15 M 12736.*  
191593. No. 2924. *H 35 D 12736.*  
191594. No. 2925. *H 32 C 13738.*  
191595. No. 2926. *H 16 G 13369.*  
191596. No. 2928. *HNBB 13738.*  
191597. No. 2930. *H 15 E 13339.*  
191598. No. 2931. *H 32 J 13400.*  
191599. No. 2932. *Marrocos 22-3613.*  
191600. No. 2933. *Janetzkie Somerwizen 14806.*  
191601. No. 2934. *H 33 C 12731.*  
191602. No. 2935. *Sebei 7-10093.*  
191603. No. 2936. *H 15 B 13335.*  
191604. No. 2937. *H 35 C 12735.*  
191605. No. 2938. *H 14 C 12709.*  
191606. No. 2939. *H 2 A 13323.*  
191607. No. 2940. *H 15 H 13345.*  
191608. No. 2941. *Cana Maciza 8194.*  
191609. No. 2942. *H 39 A 13405.*  
191610. No. 2943. *H 32 B 13391.*  
191611. No. 2944. *H 32 A 13389.*  
191612. No. 2945. *H 15 M 13355.*  
191613. No. 2946. *H 23 E 13382.*  
191614. No. 2947. *H 36 E 12747.*  
191615. No. 2948. *Blancal de Nules.*  
191616. No. 2949. *Marrocos 182-3633.*  
191617. No. 2950. *1772-14038.*  
191618. No. 2951. *HM 2 11538.*

## 190983 to 192866—Continued

- 191619. No. 2952. *Rijo Russo 2-14877.*
- 191620. No. 2953. *Arrancada P 3 13695.*
- 191621. No. 2955. *Marrocos 46-3617.*
- 191622. No. 2956. *HN Red 22-13767.*
- 191623. No. 2957. *HN Red 30 13775.*
- 191624. No. 2961. *HN Red 35 13782.*
- 191625. No. 2963. *Jenkis.*
- 191626. No. 2964. *H 22 C 13378.*
- 191627. No. 2965. *HN Red 42 14865.*
- 191628. No. 2966. *Bore II, 01000 b.*
- 191629. No. 2968. *HN Red 48 14871.*
- 191630. No. 2969. *Marrocos 6-3600.*
- 191631. No. 2970. *HNM la453.*
- 191632. No. 2971. *HND 12444.*
- 191633. No. 2972. *HN Red 52 14875.*
- 191634. No. 2973. *Sehei 292-10098.*
- 191635. No. 2974. *HN Red 23 13768.*
- 191636. No. 2975. *Cucetta.*
- 191637. No. 2976. *219-1-40; (Thew × Extremo Sur Argelino) × Pusa 4.*
- 191638. No. 2978. *Equator K.T.I.; Kenya Tipo 252.*
- 191639. No. 2979. *Manitoba 1-13962.*
- 191640. No. 2980. *Javardo Glauco 9002 v. 93.*
- 191641. No. 2981. *Indiano 6226.*
- 191642. No. 2985. *Principe de Gales 10140.*
- 191643. No. 2986. *Record 2102-10128.*
- 191644. No. 2988. *Record 2330/2550-10130.*
- 191645. No. 2989. *Timor 10147 v. 1.*
- 191646. No. 2991. *Agili Blanc 168-10112.*
- 191647. No. 2993. *India 6218.*
- 191648. No. 2994. *Durazio Molar 9120 v. 87.*
- 191649. No. 2995. *Mahmondi P.P. 4-10107.*
- 191650. No. 2996. *Suton C. 6082-13595.*
- 191651. No. 2997. *Marrocos 140-3623.*
- 191652. No. 2998. *Montejwik 8116.*
- 191653. No. 2999. *Duro de America 7293.*
- 191654. No. 3000. *Gigante Ingles 2632 v. 86.*
- 191655. No. 3001. *Espanhol 11658 v. 91.*
- 191656. No. 3002. *Clavland C.9176-93957.*
- 191657. No. 3003. *Duri 12427.*
- 191658. No. 3004. *IV 03 10114.*
- 191659. No. 3005. *Excelsior 10141.*
- 191660. No. 3006. *Nabawa 12425 v. 1.*

## 190983 to 192866—Continued

- 191661. No. 3007. *Barota Wander 12433 v. 1.*
- 191662. No. 3008. *Gironde 13485.*
- 191663. No. 3009. *Strampelli 9378.*
- 191664. No. 3010. *Zara 12787.*
- 191665. No. 3011. *Rietti Familia, 11-12435.*
- 191666. No. 3012. *Australiano de Espigo Branca 345C v. 1.*
- 191667. No. 3013. *P.L.M. 13488.*
- 191668. No. 3014. *Cologne 6209.*
- 191669. No. 3015. *Zealand C. 190-13953.*
- 191670. No. 3016. *Vergilio 12241.*
- 191671. No. 3017. *3 C × 3 C 8554.*
- 191672. No. 3018. *Uruguay de Espiga Branca.*
- 191673. No. 3019. *Apulia Strampelli 2692.*
- 191674. No. 3020. *Benó 12420.*
- 191675. No. 3021. *Rietti 2599.*
- 191676. No. 3022. *Inacamavel Familia 96-9386.*
- 191677. No. 3023. *Virgilio 11828.*
- 191678. No. 3024. *Cervaro Strampelli 2683.*
- 191679. No. 3025. *Itale Gigliolo 9384.*
- 191680. No. 3026. *Pusa 4 × Florence; 381-10096.*
- 191681. No. 3027. *Pracineto 12644.*
- 191682. No. 3028. *Penny C. 6449-13952.*
- 191683. No. 3029. *Pusa 4 × Florence; 381-11785.*
- 191684. No. 3030. *Favorito × 38 - 1.*
- 191685. No. 3031. *Touzelle Rouge de Provence 2692.*
- 191686. No. 3033. *Preton (16) 12258.*
- 191687. No. 3034. *Tremezino Ariz de Grão Escuro 8555.*
- 191688. No. 3035. *Aurora 4323 A.*
- 191689. No. 3036. *Peragio 12367.*
- 191690. No. 3037. *Indiano Mocho 6296.*
- 191691. No. 3038. *Manitoba 9641.*
- 191692. No. 3039. *Canberra 12425.*
- 191693. No. 3040. *Gironde 3550 A.*
- 191694. No. 3041. *H 22 a 10119.*
- 191695. No. 3042. *Cadia C. 2891-13956.*
- 191696. No. 3044. *Cadete 335912271 v. 1.*
- 191697. No. 3045. *Raspinegro 2350 v. 90.*
- 191698. No. 3047. *Carlota Strampelli 10840.*
- 191699. No. 3048. *Gentil Rosso 6303.*
- 191700. No. 3049. *38 ma. 10123.*
- 191701. No. 3050. *B 256 F.S. 1354.*
- 191702. No. 3051. *Candeal Castilla 8557.*

## 190983 to 192866—Continued

191703. No. 3052. *Pusa 4* × *Florence 386-1089*.  
191704. No. 3053. *Tremezino Ariz 8556*.  
191705. No. 3054. *Australia 13623*.  
191706. No. 3057. *Bladette de Ble Splos*.  
191707. No. 3059. *Koxma (19) 12278*.  
191708. No. 3060. *Touzelle Originario 3566 A*.  
191709. No. 3061. *Touzelle Bell Abie 3445*.  
191710. No. 3062. *B.I.C. 386-12267 v. 1*.  
191711. No. 3063. *Durazio Rijo 2627 v. 86*.  
191712. No. 3064. *Ansie 12430 v. 1*.  
191713. No. 3065. *Larranaga 18-10126*.  
191714. No. 3067. *Durezio Molar 3416 v. 87*.  
191715. No. 3068. *110 No. 7 10118*.  
191716. No. 3069. *Maria Luiza 11763*.  
191717. No. 3070. *Tremos Preto 12764*.  
191718. No. 3072. *III a 264-10127*.  
191719. No. 3073. *Pusa 66-12266*.  
191720. No. 3075. *Marshall's 6678-13960*.  
191721. No. 3076. *Wilianison 10137*.  
191722. No. 3077. *XII Y 10124*.  
191723. No. 3081. *Warrone 9383*.  
191724. No. 3083. *Haynes (11) 12263*.  
191725. No. 3084. *Uruguay de Espiga Branca 10046*.  
191726. No. 3085. *Touzelle Barbu a Gros Grain 3584*.  
191727. No. 3086. *Gentil Rosso Sem. Fam. 48-1243*.  
191728. No. 3087. *Raspinegro 2303- v. 90*.  
191729. No. 3090. *Frazineto 12240*.  
191730. No. 3091. *Florence* × *Aurore 8189-13939 v. 1*.  
191731. No. 3092. *Gaspino 3517*.  
191732. No. 3093. *Anafil Claro 9366- v. 86*.  
191733. No. 3094. *Richelle Blanche Hative 2693 v. 1*.  
191734. No. 3097. *Mahon 73-10111*.  
191735. No. 3098. *Espanhol 3914 v. 91*.  
191736. No. 3099. *Segurel 10136*.  
191737. No. 3101. *Marroquino Preto 11594*.  
191738. No. 3102. *Irakis 231-10097 v. 1*.  
191739. No. 3103. *Gentil Rosso Fam. 38-6244*.  
191740. No. 3104. *Stokman 13947*.  
191741. No. 3105. *Durazio Rijo 9412 v. 86*.  
191742. No. 3107. *Javardo Glauco 2429 v. 93*.  
191743. No. 3110. *Anafil Claro 3291 v. 86*.  
191744. No. 3112. *Fl. S. Aurora 8189 F6 1484*.

## 190983 to 192866—Continued

191745. No. 3115. *Pusa 100-12275.*  
191746. No. 3117. *Pirwhill C. 3496-13954.*  
191747. No. 3118. *Sepoy C. 9216-13949.*  
191748. No. 3119. *Florence C. Aurora 581.*  
191749. No. 3120. *Reitti 2669.*  
191750. No. 3122. *Masolino Familia 33-2674.*  
191751. No. 3123. *Luizia Strampelli 2676.*  
191752. No. 3124. *Pusa 67-12269.*  
191753. No. 3125. *Florence 10971 A v. 1.*  
191754. No. 3128. *Jandilla King 13951.*  
191755. No. 3129. *Apolo C. 4661-13955.*  
191756. No. 3130. *H.N. Rod. 2013765.*  
191757. No. 3132. *Castilla 3-3-13476.*  
191758. No. 3133. *H.N. Rod. 9 13754.*  
191759. No. 3135. *Federation B 12428.*  
191760. No. 3136. *H.M. 4 12697.*  
191761. No. 3137. *Rijo Russo 3-14878.*  
191762. No. 3138. *HP C.C. 41 13464.*  
191763. No. 3139. *H. No. 10 13451.*  
191764. No. 3140. *H.N. Rod. 37 13784.*  
191765. No. 3142. *H.N. Rod. 34 13781.*  
191766. No. 3143. *Edde 592.*  
191767. No. 3144. *Arrancada F3 13720.*  
191768. No. 3145. *H.N. Rod. 36 13783.*  
191769. No. 3146. *Rijo Russo 4-14789.*  
191770. No. 3147. *H.N. Rod. 44 14867.*  
191771. No. 3148. *H.N. Rod. 26 13771.*  
191772. No. 3149. *H.N. Rod. 6 13751.*  
191773. No. 3151. *H.N. Rod. 32 13777.*  
191774. No. 3152. *Arrancada 10 13707.*  
191775. No. 3153. *H.N. Rod. 28 13775.*  
191776. No. 3154. *H.N. Rod. 25 13770.*  
191777. No. 3155. *Chidan Blanche de Mars 3551.*  
191778. No. 3156. *H.N. Rod. 4 13749.*  
191779. No. 3157. *H.N. Rod. 24 13769.*  
191780. No. 3158. *Egipto 2728.*  
191781. No. 3159. *Amylium 3731.*  
191782. No. 3160. *H.N. Rod. 3 13748.*  
191783. No. 3161. *H.N. Rod. 13746.*  
191784. No. 3162. *H.N. Rod. 18 13763.*  
191785. No. 3163. *H 22 E 13381.*  
191786. No. 3164. *H.N. Rod. 13 13758.*

## 190983 to 192866—Continued

191787. No. 3165. *H.N. Rod. 41 14864.*  
191788. No. 3166. *H.N.A. 12241.*  
191789. No. 3167. *H.N. Rod. 47 14870.*  
191790. No. 3168. *Arrancada A3 13675.*  
191791. No. 3169. *H.N.G. 12443.*  
191792. No. 3170. *Paduano 9995.*  
191793. No. 3171. *Arrancada Q1 14862.*  
191794. No. 3172. *H 29 D 13795.*  
191795. No. 3173. *H.N.L. 12452.*  
191796. No. 3174. *Arrancada C3 13687.*  
191797. No. 3175. *H 22 D 13379.*  
191798. No. 3176. *H.N. Rod. 16 13761.*  
191799. No. 3177. *H. No. 12 13452.*  
191800. No. 3178. *H.N. Rod. 45 14868.*  
191801. No. 3179. *H.N. Rod 14 13759.*  
191802. No. 3180. *H. No. 14 13453.*  
191803. No. 3181. (No data.)  
191804. No. 3182. *H.N.E. 12445.*  
191805. No. 3183. *H 29 D 13387.*  
191806. No. 3184. *H.N. Rod. 33 13778.*  
191807. No. 3185. *Arrancada N19 13729.*  
191808. No. 3186. *Arrancada P2 13706.*  
191809. No. 3187. *H.N. Rod. 43 14866.*  
191810. No. 3188. *Arrancada F1 13703.*  
191811. No. 3189. *H. M3 12232.*  
191812. No. 3190. *H.N. Rod. 51 14874.*  
191813. No. 3192. *H. No. 17 13455 4601.*  
191814. No. 3193. *H 22 B 13377.*  
191815. No. 3194. *H.N. Rod. 2 13747.*  
191816. No. 3195. *H.N. Rod. 40 14863.*  
191817. No. 3196. *H.P. × C. 35 13460.*  
191818. No. 3197. *H.N. Rod. 10 13755.*  
191819. No. 3199. *Arrancada N20 13730.*  
191820. No. 3200. *H.N. Rod. 15 13760.*  
191821. No. 3201. *H.P. × 44 13465.*  
191822. No. 3203. *H 29 D 13388.*  
191823. No. 3204. *Arrancada N7 13700.*  
191824. No. 3208. *H.M. 1 11537.*  
191825. No. 3209. *Arrancada J7 13682.*  
191826. No. 3210. *Arrancada N1 13691.*  
191827. No. 3211. *H.N. Rod. 11 13756.*  
191828. No. 3212. *Arrancada P6 13704.*



## 190983 to 192866—Continued

191829. No. 3213. *Arrancada F4 13722.*  
191830. No. 3214. *Arrancada A7 13680.*  
191831. No. 3215. *H. No. 16 13454.*  
191832. No. 3216. *H.N. Rod. 39 13786.*  
191833. No. 3217. *H.P.  $\times$  C. 31 13458.*  
191834. No. 3218. *Arrancada P1 13688.*  
191835. No. 3219. *Arrancada A5 13678.*  
191836. No. 3220. *H.P.  $\times$  C. 39 13463.*  
191837. No. 3222. *Arrancada J10 13690.*  
191838. No. 3223. *Arrancada F6 13725.*  
191839. No. 3224. *H 22 B 13376.*  
191840. No. 3225. *H.N. Rod. 5 13750.*  
191841. No. 3226. *H 22 E 13380.*  
191842. No. 3227. *Arrancada A4 13676.*  
191843. No. 3228. *H. No. 6 13448.*  
191844. No. 3229. *Universal II—10133.*  
191845. No. 3230. *Arrancada P4 13696.*  
191846. No. 3231. *Richelle Blanche de Naples, 3514 v. 1.*  
191847. No. 3232. *Arrancada J5 13677.*  
191848. No. 3233. *H.P.  $\times$  C 55 13466.*  
191849. No. 3234. *H.N. J 12450.*  
191850. No. 3235. *H.N. Rod. 46 14869.*  
191851. No. 3236. *H. No. 8 13449.*  
191852. No. 3237. *Arrancada N5 13698.*  
191853. No. 3238. *H.N. Rod. 8 13753.*  
191854. No. 3239. *H. No. 9 13450.*  
191855. No. 3240. *H.N. Rod. 17 13762.*  
191856. No. 3241. *H.N.G. 12447.*  
191857. No. 3242. *Arrancada L8 13734.*  
191858. No. 3243. *H 22 A 13375.*  
191859. No. 3244. *Arrancada JB 13684.*  
191860. No. 3245. *H.P.  $\times$  C. 34 13459.*  
191861. No. 3246. *Arouca 3828 A.*  
191862. No. 3247. *Arrancada N11 13708.*  
191863. No. 3248. *Arrancada A2 136669.*  
191864. No. 3249. *H. No. 20 13456.*  
191865. No. 3250. *H.P.  $\times$  C. 38 13462.*  
191866. No. 3251. *Arrancada J1 13670.*  
191867. No. 3252. *Arrancada C2 13686.*  
191868. No. 3253. *H. No. 5 13447 A.*  
191869. No. 3254. *Cologne Abastardado. 11620.*  
191870. No. 3256. *Arrancada A8 13681.*

## 190983 to 192866—Continued

191871. No. 3257. *H 29 C 13386.*  
191872. No. 3258. *Arrancada P2 13689.*  
191873. No. 3259. *Arrancada A6 13679.*  
191874. No. 3260. *Arrancada J9 13685.*  
191875. No. 3261. *H.P. × C. 79 13468.*  
191876. No. 3262. *H.N.F. 12446.*  
191877. No. 3263. *Arrancada N21 13732.*  
191878. No. 3264. *H.N.J. 12449.*  
191879. No. 3265. *H 22 A 13374.*  
191880. No. 3266. *H.N.H. 12454.*  
191881. No. 3267. *Arrancada N6 13699.*  
191882. No. 3268. *B × RA 8 10142.*  
191883. No. 3269. *H.N.K. 12451.*  
191884. No. 3270. *San Martin 10135.*  
191885. No. 3271. *Dauno Strampelli 6284.*  
191886. No. 3272. *Egipto 3713.*  
191887. No. 3273. *H.P. × C. 31 14378.*  
191888. No. 3274. *Arrancada F5 13723.*  
191889. No. 3275. *Arrancada A1 13668.*  
191890. No. 3276. *Arrancada N3 13693.*  
191891. No. 3277. *Cologne Familia 12-12436.*  
191892. No. 3278. *Arrancada N25 14786.*  
191893. No. 3279. *Arrancada N9 13702.*  
191894. No. 3280. *Arrancada F8 13727.*  
191895. No. 3281. *H.N.B. 12442.*  
191896. No. 3282. *Xerex 6506.*  
191897. No. 3283. *Arrancada N23 13735.*  
191898. No. 3284. *Pusa 4 11786.*  
191899. No. 3285. *Arrancada J7 13683.*  
191900. No. 3286. *Bordeaux 13486.*  
191901. No. 3287. *Varoneza 11005.*  
191902. No. 3288. *Arrancada F9 13728.*  
191903. No. 3289. *Arrancada No. 8 13701.*  
191904. No. 3290. *H 29 C 13794.*  
191905. No. 3291. *Vencedor 213/214 10125.*  
191906. No. 3293. *Felasit Bianco Tipo 13.*  
191907. No. 3294. *Manitoba 12558.*  
191908. No. 3295. *Fanfarron 8196.*  
191909. No. 3296. *Russia 11536.*  
191910. No. 3297. *Molar Italiano 4348 B.*  
191911. No. 3298. *Pusa 62—12268.*  
191912. No. 3299. *Arrancada P5 13697.*

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191913. No. 3300. *Mahon Rijo 3750.*  
191914. No. 3301. *Touzelle Blanche Barbu 3745.*  
191915. No. 3302. *Amarelo de Barba Preta 3247 v. 86.*  
191916. No. 3303. *Gentil Rosso Sem Fam. 48-2677.*  
191917. No. 3304. *Valor 10139.*  
191918. No. 3305. *Vitoria Veneto 10076.*  
191919. No. 3306. *Castilla I. 13474.*  
191920. No. 3307. *Canimbla C 6666-13958.*  
191921. No. 3308. *Cologne Abastardado 11660 A.*  
191922. No. 3309. *Waratah 12429.*  
191923. No. 3310. *Aragon Z 15/121 13475.*  
191924. No. 3311. *Petaniel Noir de Nice 6311.*  
191925. No. 3312. *H 51—10134.*  
191926. No. 3313. *Raspinegro 5296 v. 90.*  
191927. No. 3314. *Mole II 8102.*  
191928. No. 3315. *Indiano Viloso 11544.*  
191929. No. 3316. *Mahon 124—10091.*  
191930. No. 3317. *Sim Rival 10122.*  
191931. No. 3318. *Egipto 3704.*  
191932. No. 3320. *Touzelle Rouge de Provence 8080.*  
191933. No. 3323. *Ford C 2926 13948.*  
191934. No. 3325. *H 27 t 10129.*  
191935. No. 3326. *Buisson. 13480.*  
191936. No. 3327. *Alemao 10083.*  
191937. No. 3329. *44 d—10131.*  
191938. No. 3330. *Derbessi (2) 10102 v. 70.*  
191939. No. 3331. *Droop Salizberg Tipo 242.*  
191940. No. 3332. *Petaniel Noir Nice.*  
191941. No. 3333. *Rubiã de Barba Preta 8715 v. 51.*  
191942. No. 3334. *Gentil 3565 v. 1.*  
191943. No. 3335. *Mestico 0222.*  
191944. No. 3336. *Roemer.*  
191945. No. 3337. *Aurore.*  
191946. No. 3338. *Mantana Egyptian.*  
191947. No. 3339. *Arsitti Tipo 178.*  
191948. No. 3340. *Riatti de Barba Preta 9925.*  
191949. No. 3341. *Lobeiro 2411 v. 70.*  
191950. No. 3342. *Roemer.*  
191951. No. 3343. *Canoco 0217.*  
191952. No. 3344. *Canoco de Grão Escuro 2263 v. 47.*  
191953. No. 3345. *Cascalvo 5972 v. 45.*  
191954. No. 3348. *Medean Tipo 229.*

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191955. No. 3349. *Harar Tipo 53*.  
191956. No. 3350. *Kondeling Tipo 235*.  
191957. No. 3351. *Rosemer*.  
191958. No. 3352. *Alexandre 058*.  
191959. No. 3353. *2721, Portugues I*.  
191960. No. 3354. *Barce U.A. 334 Tipo 232*.  
191961. No. 3355. *Varv. Fr. Magyarovax*.  
191962. No. 3356. *Hybrid Des Allies*.  
191963. No. 3357. *Zagazil 4533*.  
191964. No. 3360. *H 2 C 13328*.  
191965. No. 3361. *Grano de Micusso Tipo 45*.  
191966. No. 3362. *Egipcio. 0275*.  
191967. No. 3363. *Aggia Tipo 184*.  
191968. No. 3364. *Gunditana 2818*.  
191969. No. 3365. *Luno 2740 v. 14*.  
191970. No. 3366. *Debra Berhan Tipo 96*.  
191971. No. 3367. *Pardaleiro 13489 v. 54*.  
191972. No. 3368. *Javardo 2424 v. 93*.  
191973. No. 3369. *Florence × Pusa 8112-13957*.  
191974. No. 3370. *Lago Ascianghi Tipo 160*.  
191975. No. 3371. *Barbela, 0248*.  
191976. No. 3372. *Almadenso 3477*.  
191977. No. 3374. *Acores 2535 v. 12*.  
191978. No. 3375. *Galego Rapado, 13964 v. 4*.  
191979. No. 3376. *Amarelo de Barba Preta, 0353*.  
191980. No. 3377. *Matte Lungo Tipo 37*.  
191981. No. 3378. *Bagudo 5559 v. 56 A*.  
191982. No. 3379. *Branco, 0269*.  
191983. No. 3380. *Mac Matte Tipo 20*.  
191984. No. 3381. *Argentino 10123*.  
191985. No. 3382. *Roemer*.  
191986. No. 3383. *Durazio Rijo Glabro 4577 v. 75*.  
191987. No. 3384. *Mochó de Espiga Ruiva 11576 B*.  
191988. No. 3385. *Batisti, 12785*.  
191989. No. 3386. *01154 b<sub>3</sub> = Standard × Trifolium 14*.  
191990. No. 3387. *Barbela A 2063 v. 12*.  
191991. No. 3388. *Felasit Rosso Tipo 141*.  
191992. No. 3389. *Alba Delle Sanzioni Tipo 244*.  
191993. No. 3390. *Hebda 3*.  
191994. No. 3391. *Gracia Ruivo 2650 v. 13*.  
191995. No. 3392. *Ideal 12582 v. 14*.  
191996. No. 3394. *Granadero F.S. 826*.

## 190983 to 192866—Continued

191997. No. 3395. *Camadi Arsitti Tipo 72.*  
191998. No. 3396. *Adigrat Tipo 180.*  
191999. No. 3397. *Tremes Branco 2062 v. 12.*  
192000. No. 3400. *Ble Tendre 368-15 Tipo 220.*  
192001. No. 3402. *Cana Rosa.*  
192002. No. 3403. *Union 52 Tipo 226.*  
192003. No. 3404. *Giza 4.*  
192004. No. 3405. *Anafil Claro 4314.*  
192005. No. 3406. *Durazio Reichenbachii 0325.*  
192006. No. 3407. *Grano Dessie Tipo 16.*  
192007. No. 3408. *Verdeal Rijo 5113 v. 81.*  
192008. No. 3409. *Pragana Preta 7124 v. 75.*  
192009. No. 3411. *Richelle-Tipo 199.*  
192010. No. 3412. *501 Kenya Tipo 203.*  
192011. No. 3413. *Ruby (Basutoland) Tipo 245.*  
192012. No. 3414. *Guradie Tipo 187.*  
192013. No. 3415. *Tzellin Beru Tipo 131.*  
192014. No. 3416. *Serrano 0227.*  
192015. No. 3417. *Bento 10012.*  
192016. No. 3418. *Galego Miudo.*  
192017. No. 3419. *Roemer.*  
192018. No. 3420. *Mourisco 063.*  
192019. No. 3421. *Gogime Tipo 47.*  
192020. No. 3422. *Red Egyptian Tipo 206.*  
192021. No. 3424. *Chines.*  
192022. No. 3425. *Ticcio Tipo 34.*  
192023. No. 3426. *Gambou Tipo 196.*  
192024. No. 3427. *Mahon 73, Tipo 215.*  
192025. No. 3428. *Bidi.*  
192026. No. 3429. *Adigrat Tipo 78.*  
192027. No. 3430. *Pusa × II 386/15 F.S. 1562.*  
192028. No. 3432. *Amba Gheorghis Tipo 170.*  
192029. No. 3433. *Gross Ghimbar Tipo 43.*  
192030. No. 3434. *Roemer.*  
192031. No. 3435. *Sciaggare di Busasoro Tipo 35.*  
192032. No. 3436. *Magyarovar 3.*  
192033. No. 3437. *Pioner FS. 1483.*  
192034. No. 3438. *58F.*  
192035. No. 3439. *Felasit Rosso Tipo 42.*  
192036. No. 3441. *Raspinegro 0475.*  
192037. No. 3442. *Gyblenvete.*  
192038. No. 3443. *Roemer.*

## 190983 to 192866—Continued

192039. No. 3446. *Sopu*.  
192040. No. 3447. *Mocho de Espiga Branca* × *Souri* 4316.  
192041. No. 3448. *Anafil* 0359.  
192042. No. 3449. *Amba Gheorghis Tipo* 198.  
192043. No. 3450. *Amarai* 2.  
192044. No. 3451. *Pragna Preta* 4301.  
192045. No. 3452. *Diamant* 0932 d.  
192046. No. 3453. *Barba de Lobo* 0310.  
192047. No. 3455. *Camadi Arsitti Tipo* 154.  
192048. No. 3456. 291 J1 B1 F.S. 1458.  
192049. No. 3457. *Granadero Tipo* 248.  
192050. No. 3459. *Pombinho* 0317.  
192051. No. 3460. *Amarelo de Barba Branca* 0347.  
192052. No. 3461. *F.L.J./58 Kenya Tipo* 212.  
192053. No. 3462. *Tremes* 13492.  
192054. No. 3463. *Roemer*.  
192055. No. 3464. *Autarchia* A.  
192056. No. 3465. *Mehamondi Tipo* 240.  
192057. No. 3466. *Anafil Claro* 4313.  
192058. No. 3467. *Giglioli Tipo* 211.  
192059. No. 3468. *Collumbe Tipo* 136.  
192060. No. 3469. *Barbela* A 2662 v. 12.  
192061. No. 3470. *Candeal* 2314 v. 70.  
192062. No. 3471. *Farrertron Tipo* a09.  
192063. No. 3472. *Escanha Menor*.  
192064. No. 3473. *Oeltha Tipo* 187.  
192065. No. 3475. *Aselle Tipo* 1FF.  
192066. No. 3476. *Bagudo* 0311.  
192067. No. 3477. *Vermelojoilo* 4304.  
192068. No. 3478. *Roemer*.  
192069. No. 3479. *Camadi Oromo Tipo* 65.  
192070. No. 3480. 01002 Blankavarvete.  
192071. No. 3481. *Roemer*.  
192072. No. 3482. *Tzellin Beru Tipo* 64.  
192073. No. 3483. *Equator K.T.I. Kenya Tipo* 251.  
192074. No. 3484. *Junta F.S.* 1482.  
192075. No. 3485. *Mahon Tipo* 247.  
192076. No. 3486. *Irgolem Tipo* 138.  
192077. No. 3488. *Almadense* 09.  
192078. No. 3489. *Belletta Tipo* 185.  
192079. No. 3490. *Sterlyng Tipo* 236.  
192080. No. 3491. *Regional de Angola FS* 1488.

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- 192081. No. 3492. *Amba Ghorghis Tipo 130.*
- 192082. No. 3493. *Charlotta Strampelli.*
- 192083. No. 3494. *Rubim 0880 d.*
- 192084. No. 3495. *Irgalem Tipo 157.*
- 192085. No. 3496. *32/840 de Solutvete.*
- 192086. No. 3497. *Camadi Abdu Tipo 51.*
- 192087. No. 3498. *Rubiao 0268.*
- 192088. No. 3499. *Ble Rouge d'Ecosse.*
- 192089. No. 3500. *Gambore Tipo 135.*
- 192090. No. 3501. *Oeltta Tipo 95.*
- 192091. No. 3502. *Reivard F.S. 1356.*
- 192092. No. 3503. *Kruger.*
- 192093. No. 3504. *Mocho o Rapado 3869 v. 2.*
- 192094. No. 3507. *Gambore Tipo 24.*
- 192095. No. 3508. *Mac Watte Tipo 132.*
- 192096. No. 3509. *Grano Marrochino.*
- 192097. No. 3511. *117 AFB 1456.*
- 192098. No. 3512. *Bellevue de Talavar.*
- 192099. No. 3513. *Kenya.*
- 192100. No. 3514. *Addis Alem Tipo 171.*
- 192101. No. 3515. *Camadi Alagi Tipo 71.*
- 192102. No. 3516. *Matte Tipo 144.*
- 192103. No. 3517. *Dabet Tipo 122.*
- 192104. No. 3518. *Gambore di Monte Furi Tipo 48.*
- 192105. No. 3519. *Matte Tipo 18.*
- 192106. No. 3520. *Amarai Tipo 3.*
- 192107. No. 3521. *Dabat Tipo 169.*
- 192108. No. 3522. *1315 F, 1567.*
- 192109. No. 3523. *C.F.J.*
- 192110. No. 3524. *Reward (Basutoland) Tipo 208.*
- 192111. No. 3525. *Camadi Alagi Tipo 76.*
- 192112. No. 3526. *Galego Barbado 2201 v. 14.*
- 192113. No. 3527. *Amarei Tipo 22.*
- 192114. No. 3528. *Camadi Abdu Tipo 173.*
- 192115. No. 3529. *Debat Tipo 172.*
- 192116. No. 3521. *(No data.)*
- 192117. No. 3532. *Rietti Enegrado 10975.*
- 192118. No. 3533. *B 15 D 13337.*
- 192119. No. 3535. *Debat Tipo 91.*
- 192120. No. 3536. *Debat Tipo 124.*
- 192121. No. 3537. *Felasir Rosso Tipo 6.*
- 192122. No. 3538. *F.I.I. Kenya Tipo 207.*

## 190983 to 192866—Continued

192123. No. 3539. *Cylugas F.S. 1563.*  
192124. No. 3540. *Spring Early Tipo 246.*  
192125. No. 3541. *Florence F.S. 1355.*  
192126. No. 3543. *Destie Tipo 60.*  
192127. No. 3544. *Kenya.*  
192128. No. 3545. *Matte Tipo 155.*  
192129. No. 3546. *Dabat Tipo 119.*  
192130. No. 3547. *Canadi Alagi Tipo 17.*  
192131. No. 3548. *Ronow A.F.S. 1455.*  
192132. No. 3549. *Addis Alem Tipo 163.*  
192133. No. 3550. *Equator K.T.I.; Kenya t. 250.*  
192134. No. 3552. *Dessie Tipo 56.*  
192135. No. 3553. *Mac Matte Tipo 64.*  
192136. No. 3554. *Pragana Preta 4302.*  
192137. No. 3555. *Franssineto 405.*  
192138. No. 3556. *Addis Alem 5129.*  
192139. No. 3557. (No data.)  
192140. No. 3558. *Kenya.*  
192141. No. 3559. *Matte Nero Tipo 54.*  
192142. No. 3560. *Sembalocho F.S. 1551.*  
192143. No. 3561. *Grano de Gimma Tipo 50.*  
192144. No. 3562. *Autarquia B.*  
192145. No. 3563. (No data.)  
192146. No. 3564. *374 F.S. 1560.*  
192147. No. 3566. *Matte Lungo Tipo 63.*  
192148. No. 3570. *Preto Amarelo 8680 × Alexandre 2293 4319.*  
192149. No. 3573. *Vermelejoilo 4303.*  
192150. No. 3574. *Klum 75.*  
192151. No. 3575. *Grano Marrochino Tipo 256.*  
192152. No. 3576. *Steadfard.*  
192153. No. 3577. *Addis Ababa Tipo 26.*  
192154. No. 3578. *501 Kenya Tipo 231.*  
192155. No. 3579. *F.I. 135 F.S. 1566.*  
192156. No. 3584. *Imperio II.*  
192157. No. 3585. (No data.)  
192158. No. 3586. *Sciaggare di Marcoc Tipo 25.*  
192159. No. 3589. *Preto Amarelo × Santa Marta 4317.*  
192160. No. 3590. *Addis Alem Tipo 133.*  
192161. No. 3591. *Rijo.*  
192162. No. 3592. *Gambore Tipo 19.*  
192163. No. 3593. *Imperio L.*  
192164. No. 3594. *192 F. 1467.*



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192165. No. 3596. *Dabat Tipo 115.*  
 192166. No. 3597. *Amarai Tipo 94.*  
 192167. No. 3598. *Addis Abeda Tipa FF.*  
 192168. No. 3599. *Camadi Abdu Tipo 103.*  
 192169. No. 3600. *Precoce 13504.*  
 192170. No. 3601. *Matte Rosso Tipo 81.*  
 192171. No. 3603. *501 Kenya Tipo 224.*  
 192172. No. 3605. *Gambore Tipo 139.*  
 192173. No. 3607. *Kenya.*  
 192174. No. 3609. *Burbank.*  
 192175. No. 3611. *Irgalem Tipo 110.*  
 192176. No. 3612. *Camadi Abdu Tipo 23.*  
 192177. No. 3613. *F.L.I. Kenya Tipo 9.*  
 192178. No. 3614. *Addis Alem Tipo 148.*  
 192179. No. 3615. *Amarai Blanco Tipo 142.*  
 192180. No. 3617. *Mourisco 4305.*  
 192181. No. 3618. *Irakire × FV<sub>2</sub> 1163 F<sub>4</sub> 1556.*  
 192182. No. 3619. *Kenya.*  
 192183. No. 3620. *Tayrbank.*  
 192184. No. 3621. *Gabore Tipo 182.*  
 192185. No. 3622. *Badoglio Tipo 8.*  
 192186. No. 3623. *Amarai Tipo 90.*  
 192187. No. 3624. *Serodio Tremez.*  
 192188. No. 3626. *Kenya F.S. 1359.*  
 192189. No. 3628. *Pellegrin Tipo 249.*  
 192190. No. 3629. *Mocho de Espiga Ruiva 4312.*  
 192191. No. 3630. *Barrota F.S. 1557.*  
 192192. No. 3631. *Felasit Rosso Tipo 4.*  
 192193. No. 3632. *Equator K.T.I.; Kenya Tipo 214.*  
 192194. No. 3634. *(Mentana 9911 × Mocho de Esp. Branca 2023)  
 × 4311.*  
 192195. No. 3638. *Grano Marocchino Tipo 255.*  
 192196. No. 3639. *Hoedfart.*  
 192197. No. 3640. *Dabat Tipo 100.*  
 192198. No. 3641. *Regional Mocho.*  
 192199. No. 3644. *Lalkazan F.S. 1367.*  
 192200. No. 3645. *Grano Marocchino Tipo 253.*  
 192201. No. 3646. *Amba Gheorghis Tipo 166.*  
 192202. No. 3649. *Magueija 3279 v. 12.*  
 192203. No. 3651. *Suhulu Villosa Tipo 179.*  
 192204. No. 3652. *Tzellin Beru Tipo 39.*  
 192205. No. 3656. *Richelle × Florence 205-109 Tipo 221.*

## 190983 to 192866—Continued

- 192206. No. 3657. *Precoce 2688 v. 14.*
- 192207. No. 3658. *Canoco de Grao Escuro 12756 v. 45.*
- 192208. No. 3659. *Varv. Fr. Rumanien.*
- 192209. No. 3660. *Wagga.*
- 192210. No. 3662. *Hindi No. 12.*
- 192211. No. 3663. *Sol III 0902 C.*
- 192212. No. 3664. (No data.)
- 192213. No. 3665. *Psenice Jarm Janetzkiho.*
- 192214. No. 3666. *Touke.*
- 192215. No. 3667. *Alborubrum.*
- 192216. No. 3668. *32/81 Wilhelmina × Pansar II.*
- 192217. No. 3669. *Stral 0987 b.*
- 192218. No. 3670. *Tyrolvete.*
- 192219. No. 3671. *Hatvani, 5512.*
- 192220. No. 3672. *Dymtchatka 0111 Fr. Omsk.*
- 192221. No. 3673. *Bohmiskt Vaxelv. Ienec.*
- 192222. No. 3674. *01151; Standard × Trifolium 14.*
- 192223. No. 3675. *32/238 — 0984 × Yeoman II.*
- 192224. No. 3676. (No data.)
- 192225. No. 3679. *Postolopytska Presivkakmen 58.*
- 192226. No. 3680. *Manitoba Tre. Kronor.*
- 192227. No. 3681. *Cacsium III.*
- 192228. No. 3682. *Hainiseh.*
- 192229. No. 3683. *Gran Commune Ungerese.*
- 192230. No. 3684. *Langs Braunw; Traublingen.*
- 192231. No. 3685. *010266-Extra Kolben II, 0843 × Diamant, 0932.*
- 192232. No. 3686. *Langs Braunw; Tassilo.*
- 192233. No. 3689. *D 30/18—Smaa × Wilhelmina.*
- 192234. No. 3690. *Bersum.*
- 192235. No. 3691. *Roemer.*
- 192236. No. 3692. *Alshvede.*
- 192237. No. 3693. *Host 118.*
- 192238. No. 3694. *Kadolzer Str. III.*
- 192239. No. 3695. *Hatvani 5613.*
- 192240. No. 3696. *Steppenweizen; Derenb.*
- 192241. No. 3697. *Belia C.O.G.*
- 192242. No. 3699. *01031-Extra Kolben II, 0843 × A 23/8.*
- 192243. No. 3700. *Novinka.*
- 192244. No. 3701. *Varvete ur Sammets.*
- 192245. No. 3702. *01023 b<sub>1</sub>—Extra Kolben II, 0843 × Diamant, 0932.*
- 192246. No. 3703. *29/397 b—Extra Kolben II, 0843 × A 23/8.*
- 192247. No. 3704. *01021 b—Extra Kolben II, 0843 × Diamant 0932.*

## 190983 to 192866—Continued

192248. No. 3705. *Roter de Tyroler.*  
192249. No. 3706. *Bohom Vaxelv; Seleta.*  
192250. No. 3707. *Superhard Blackull.*  
192251. No. 3708. *Poso.*  
192252. No. 3709. (No data.)  
192253. No. 3710. *Manitoba Mjolby.*  
192254. No. 3711. *01025 b-Extra Kolben II, 0843 × Diamant.*  
192255. No. 3712. *Roemer.*  
192256. No. 3713. *Pika.*  
192257. No. 3714. *Ackermanns V. 3/15.*  
192258. No. 3716. *01112 b—Vg 31/39 Kron × Standard.*  
192259. No. 3717. *Beloturka 79 Fr. Samara.*  
192260. No. 3719. (No data.)  
192261. No. 3720. (No data.)  
192262. No. 3721. *A 24/585—Svalov Kolben II × Schlanstedter.*  
192263. No. 3722. (No data.)  
192264. No. 3723. *Lohmanns Weender gal. Kolben.*  
192265. No. 3724. *Roemer.*  
192266. No. 3725. *0780.*  
192267. No. 3726. *Kadolzer St. IV.*  
192268. No. 3727. *Ceyenne.*  
192269. No. 3728. *010w0 b<sub>1</sub>-Extra Kolben II, 0843 × Diamant 0932.*  
192270. No. 3729. *Bohom Vaxelv.*  
192271. No. 3730. *32/206.*  
192272. No. 3733. *Roemer.*  
192273. No. 3734. *Paitti.*  
192274. No. 3735. *Kornenburger Elite.*  
192275. No. 3737. (No data.)  
192276. No. 3739. *Chelsea.*  
192277. No. 3740. *0984 × Yeoman II.*  
192278. No. 3741. *Varalpen Bartw.*  
192279. No. 3742. *Golden Aur.*  
192280. No. 3743. *Bankuti 1205.*  
192281. No. 3744. *Pisrodin Oz Psnice Zidlochovicke Jubilrn Osinata.*  
192282. No. 3745. *Hatvani 5612.*  
192283. No. 3747. (No data.)  
192284. No. 3748. *Japhet.*  
192285. No. 3749. *Germalt Danskt.*  
192286. No. 3750. *Gros Bleu, Vilmorin.*  
192287. No. 3751. *Berg. Marchfelder.*  
192288. No. 3753. *01025 b<sub>1</sub>-Extra Kolben II, 0843 × Diamant 0932.*  
192289. No. 3754. *0973 C I—Extra Kolben II × Aurore.*

## 190983 to 192866—Continued

- 192290. No. 3755. *Bulgara.*
- 192291. No. 3757. *Standard* × *Stal.*
- 192292. No. 3759. *01001—Svea II, 0841* × *Wilhelmina.*
- 192293. No. 3760. (No data.)
- 192294. No. 3761. *Asvete.*
- 192295. No. 3762. *B 10—Seleccao De Illinois N.Z.I.*
- 192296. No. 3763. *Findlings Grüne Dame.*
- 192297. No. 3764. *Rimpsus.*
- 192298. No. 3765. *Tidigt Polskt, Ungern.*
- 192299. No. 3766. *Indiskt.*
- 192300. No. 3767. *Varpal, 0750.*
- 192301. No. 3768. *0970 b<sub>1</sub>—Aurore* × *Svea II, 0841.*
- 192302. No. 3769. *Terminillo, 12780.*
- 192303. No. 3770. *Saumur de Mars.*
- 192304. No. 3771. *Kortstraig Fr. Schribeaux.*
- 192305. No. 3773. *Manitoba Saltsjog.*
- 192306. No. 3774. *Hybrid de la Paix Vilmorin.*
- 192307. No. 3775. *Kanmarg.*
- 192308. No. 3776. *01001—Svea II, 0841* × *Wilhelmina.*
- 192309. No. 3777. *0850—Sol I, 0415* × *Svalofs Kolben, 0702.*
- 192310. No. 3778. *29/380 b—Extra Kolben II* × *A 23/8.*
- 192311. No. 3779. *01012 b—Svea II, 0841* × *Schlenstedter.*
- 192312. No. 3781. *0729.*
- 192313. No. 3782. *Ostervallskogs.*
- 192314. No. 3783. *Nordmerevete.*
- 192315. No. 3784. *Apollo—Marquis* × *Kanred.*
- 192316. No. 3785. *Engelens Braunw Siegfried.*
- 192317. No. 3787. *Svea I, 0826.*
- 192318. No. 3788. *Dala 31/62.*
- 192319. No. 3789. *Bonner Berkley.*
- 192320. No. 3790. *Garina.*
- 192321. No. 3791. *Galego Rapado 12752 v. 4.*
- 192322. No. 3793. *Aurora 6134.*
- 192323. No. 3794. *Dala.*
- 192324. No. 3795. *Croesus—Hard Red-Calcutta* × *Taylor Wonder.*
- 192325. No. 3796. *Bohmiskt Vaxely, Sebak.*
- 192326. No. 3797. *01026 b<sub>2</sub>—Extra Kolben II, 0843* × *Diamant 0932*
- 192327. No. 3798. *0972 b<sub>1</sub>—Extra Kolben II* × *Aurore.*
- 192328. No. 3799. *Gran Balan.*
- 192329. No. 3800. *La Estanzuela IV* × *17.*
- 192330. No. 3802. *0982.—Svea II, 0841* × *Dalarnes.*
- 192331. No. 3803. *Ruskea.*

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- 192332. No. 3804. *La Plata*.
- 192333. No. 3805. *Non Plus Ultra*.
- 192334. No. 3806. *Marrocos 9623*.
- 192335. No. 3807. *Og 31/39-Pansar II* × *Birgitta*.
- 192336. No. 3808. *01010 b—Svea II, 0841* × *Schlanstedter*.
- 192337. No. 3809. *0971 b<sub>x</sub>—Extra Kolben II, 0843* × *Aurore*.
- 192338. No. 3810. *Extra Kolben II, 0843*.
- 192339. No. 3811. *01020 b—Extra Kolben II, 0843* × *Diamant*.
- 192340. No. 3812. *Halland 31/64*.
- 192341. No. 3813. *Lant Fr. Varmland*.
- 192342. No. 3814. (No data.)
- 192343. No. 3817. *Renfrew—Marquis* × *Red Fife*.
- 192344. No. 3821. *Vitaxig Fr. Deerenburg*.
- 192345. No. 3822. *Kortstraig*.
- 192346. No. 3825. *01025 b<sub>s</sub>—Extra Kolben II, 0843* × *Diamant 0932*.
- 192347. No. 3827. *Manerner Dickkopf*.
- 192348. No. 3829. *Kadolzer*.
- 192349. No. 3830. *Brauner Moravia*.
- 192350. No. 3833. *Mirandez, 11623 v. 14*.
- 192351. No. 3834. *Amarelo de Barba Branca 2277 v. 72*.
- 192352. No. 3835. *Anafil Claro 2548 v. 86*.
- 192353. No. 3842. *428, Aza de Corbo 3449*.
- 192354. No. 3843. *251. Blancal de Nubes*.
- 192355. No. 3844. *Flor*.
- 192356. No. 3846. *2780—Precoce Bouteille*.
- 192357. No. 3847. *2777, Hyperounda*.
- 192358. No. 3850. (No data.)
- 192359. No. 3851. *Gua 113*.
- 192360. No. 3852. *Mansholts Van Hock-Sommer*.
- 192361. No. 3853. *Emma 0201*.
- 192362. No. 3854. *Parlavette Vrm 01132, Parla—912* × *Svea I*.
- 192363. No. 3855. *Janetzki's Früher Kolben*.
- 192364. No. 3856. *0970 C-Aurore* × *Svea II, 0841*.
- 192365. No. 3857. *01021 b-Extra Kolben II, 0843* × *Diamant*.
- 192366. No. 3858. *Dala*.
- 192367. No. 3859. *0845*.
- 192368. No. 3860. *Sydfinskt Fr. Valamo*.
- 192369. No. 3861. *Garnet*.
- 192370. No. 3862. *Gyllenvete I*.
- 192371. No. 3864. *Rouge de Bordeaux*.
- 192372. No. 3865. *Kortstraig*.
- 192373. No. 3866. *Skandia I*.

## 190983 to 192866—Continued

192374. No. 3867. *Roemer*.  
192375. No. 3868. *Roemer*.  
192376. No. 3869. *Aurore*  $\times$  0805.  
192377. No. 3870. 01121—*Kron*  $\times$  *Sol II*.  
192378. No. 3871. *H. a Courte Paille*.  
192379. No. 3873. *Schilfweizen*.  
192380. No. 3874. *Hohenauer Kolben*.  
192381. No. 3875. *Urtoba*.  
192382. No. 3880. *Balan*.  
192383. No. 3881. *Litauiskt*.  
192384. No. 3882. *Trezor*.  
192385. No. 3883. *Ryskt*.  
192386. No. 3884. *Ryskt*, 0246.  
192387. No. 3885. *Beltista Tipo* 243.  
192388. No. 3886. 32/109—*Pansar II*  $\times$  0921.  
192389. No. 3887. 01109 b—*Vg 31/39 Kron*  $\times$  3 *Standard*.  
192390. No. 3888. 01111 b—*Kron*  $\times$  *Standard*.  
192391. No. 3889. 01070—*Pansar II*  $\times$  *Extra Squarehead*.  
192392. No. 3890. 32/243.  
192393. No. 3891. *Selecty Presivka*.  
192394. No. 3892. *Dregerova Farm Vonska*.  
192395. No. 3894. *Marquis*  $\times$  *Emmer H 44*.  
192396. No. 3895. *Ferrugineum* (*Charkow 0502*).  
192397. No. 3897. *Vaxv. Fr. Rumanien*.  
192398. No. 3898. *Mars Rouge Sans Barbe*.  
192399. No. 3899. *Roseta*.  
192400. No. 3900. *Hindi*.  
192401. No. 3904. *Bensings Allerfrühesten*.  
192402. No. 3905. *Orig Dregerova Oz Psenice B1/22*.  
192403. No. 3906. 01023 b.  
192404. No. 3907. *Svenskt Varvete I*.  
192405. No. 3908. *Ble Tendre 368-15 Tipo* 225.  
192406. No. 3909. *Roemer*.  
192407. No. 3910. *Szekaos*, 1053.  
192408. No. 3911. *Sol I*, 0415.  
192409. No. 3912. *Sol III K 32/84*.  
192410. No. 3913. *Kotta*, 0319.  
192411. No. 3914. *Pansar III*, 0806.  
192412. No. 3915. *Drott*, 01080 a.  
192413. No. 3916. *Birgitta*, 0865.  
192414. No. 3917. *Mahmondi A. P 4 Tipo* 219.  
192415. No. 3918. *Pajbjerg* 184.

## 190983 to 192866—Continued

192416. No. 3919. *Ankar II.*  
192417. No. 3920. *U 30/168—0870 × Svea II.*  
192418. No. 3921. *0761—Forma Vinda de Varmland.*  
192419. No. 3922. *Moskaw B 3251.*  
192420. No. 3923. *Santa Marta, 054.*  
192421. No. 3924. *Gaggi Tipo 92.*  
192422. No. 3925. *Ideal 7882.*  
192423. No. 3926. *Ideal 2833.*  
192424. No. 3927. *Galego Rapado 0204.*  
192425. No. 3929. *Galego Rapado 0210.*  
192426. No. 3930. *(1/2) Pansar III c Standard.*  
192427. No. 3931. *01150—Standard × Trifolium.*  
192428. No. 3932. *Ale.*  
192429. No. 3933. *Sobotka.*  
192430. No. 3934. *Almadense 2709.*  
192431. No. 3936. *Alentejano 2710 v. 4.*  
192432. No. 3937. *Galego Rapado 5337 v. 4.*  
192433. No. 3938. *Agipcio 3470 I v. 12.*  
192434. No. 3939. *Tremes Ruivo 2027 v. 14.*  
192435. No. 3940. *Funchal 2637 v. 14.*  
192436. No. 3941. *Alentejo 8694 v. 53.*  
192437. No. 3942. *Mourisco Preto de Grão Escuro 11631 v. 32.*  
192438. No. 3943. *Preto de Tavira 11653 v. 82 A.*  
192439. No. 3944. *Mourisco Ruivo 11657 v. 77.*  
192440. No. 3945. *Alexandre 2293 v. 87.*  
192441. No. 3946. *Corado 11639 v. 91.*  
192442. No. 3947. *Rapozinho 5185 v. 92.*  
192443. No. 3949. *Rietti 2666.*  
192444. No. 3950. *Kota (17) 12288.*  
192445. No. 3952. *Damiano Chiesa 13478 v. 24.*  
192446. No. 3957. *Mongia, 060.*  
192447. No. 3958. *Roma 3560.*  
192448. No. 3963. *Spaldings Prolifique.*  
192449. No. 3964. *Chinese 166.*  
192450. No. 3969. *Felasit Rosso Tipo 15.*  
192451. No. 3970. *Felasit Rosso Tipo 107.*  
192452. No. 3971. *Felasit Clavato Tipo 12.*  
192453. No. 3972. *Addis Alem Tipo 111.*  
192454. No. 3973. *Equator Kenya Tipo 237.*  
192455. No. 3974. *Grano Godeflassi Tipo 10.*  
192456. No. 3975. *Grano Dabat Tipo 14.*  
192457. No. 3978. *Camadi Ambari Tipo 183.*

## 190983 to 192866—Continued

192458. No. 3981. *Prato Amarelo 8857* × *Santa Marta 9183 4318*.  
 192459. No. 3982. *Pusa* × *Florence F. S. 1555*.  
 192460. No. 3986. *291 Tremesino*.  
 192461. No. 3987. *1605 Tremesino de Gredos*.  
 192462. No. 3991. *Bahiense F.C.S.*  
 192463. No. 3998. *Klein Amalia Klein*.  
 192464. No. 2001A. *Sabanero*.  
 192465. No. 2002A. *V* × *9 Maia 9 D<sub>2</sub>*.  
 192466. No. 2003A. *Pioneer*.  
 192467. No. 2004A. *Kaal Indie 376*.  
 192468. No. 2005A. *Roci Egípties 472*.  
 192469. No. 2006A. *Rossiesveld 430*.  
 192470. No. 2008A. *Scheepers 475*.  
 192471. No. 2009A. *Kleintron*.  
 192472. No. 2010A. *Vorentoe*.  
 192473. No. 2011A. *Yampata*.  
 192474. No. 2012A. *C.C.C. (W. 649)*.  
 192475. No. 2014A. *Veadeiro*.  
 192476. No. 2015A. *Litoral 2*.  
 192477. No. 2017A. *Riosulino*.  
 192478. No. 2018A. *Menteira*.  
 192479. No. 2020A. *Jesuítia*.

## 192480. TRITICUM.

2021A. From Elvas, Portugal. *Triticum aestivum* × *Aegilops ovata 39*.

## 192481 to 192651. TRITICUM AESTIVUM L.

Common wheat.

From Elvas, Portugal.

192481. No. 2022A. *1611 Gharflor*.  
 192482. No. 2023A. *3187-BDC, 1744-BDC, 1604*.  
 192483. No. 2024A. *2909 Oned Zenati 368*.  
 192484. No. 2025A. *272—Sbei*.  
 192485. No. 2026A. *1658 Zeramek*.  
 192486. No. 2027A. *0181 Oulef Joussef*.  
 192487. No. 2028A. *01551 Merzaga*.  
 192488. No. 2029A. *025 Agadir*.  
 192489. No. 2030A. *050 Taourirt*.  
 192490. No. 2031A. *0141 Fez. Cheweigha*.  
 192491. No. 2032A. *2325 Goudammar*.  
 192492. No. 2034A. *2406 Mahmondi C*.  
 192493. No. 2036A. *Praganoso de Muscapa*.  
 192494. No. 2037A. *122 DITL*.  
 192495. No. 2038A. *2179 Joppa*.  
 192496. No. 2039A. *Quatrocoste 9381*.



## 190983 to 192866—Continued

192497. No. 2040A. *Comun de la Zona No. 1 10121.*  
192498. No. 2041A. *IV C 390 1/2 10132.*  
192499. No. 2042A. *B × RAI 10143.*  
192500. No. 2044A. *Edda 17826.*  
192501. No. 2045A. *Sindyouk 272 10110.*  
192502. No. 2046A. *Egipto 2100.*  
192503. No. 2047A. *Aziziah 12565.*  
192504. No. 2049A. *Marrocos 156 3527.*  
192505. No. 2050A. *Marrocos 196 3640.*  
192506. No. 2053A. *Blancal de Nules 8199.*  
192507. No. 2054A. *Oribucla 8193.*  
192508. No. 2055A. *Candeal Rubio 1355.*  
192509. No. 2056A. *Forto 8200.*  
192510. No. 2057A. *Marrocos 16 3608.*  
192511. No. 2058A. *Marrocos 88 3619.*  
192512. No. 2059A. *Argelia 9562.*  
192513. No. 2060A. *Poulard d'Auvergne.*  
192514. No. 2061A. *Marrocos 181 8201.*  
192515. No. 2062A. *Marrocos 184 6173.*  
192516. No. 2064A. *Jonah Retifah 1-10090.*  
192517. No. 2065A. *Jonah Retifah 24-10095.*  
192518. No. 2066A. *Dur de Medeah 13481.*  
192519. No. 2067A. *Adjini Semi-Ariste 388.*  
192520. No. 2068A. *Imguenot 10087.*  
192521. No. 2069A. *Doragis Sommerwizen 14805.*  
192522. No. 2073A. *H N C B 12750.*  
192523. No. 2075A. *H 39 J 13635 B.*  
192524. No. 2076A. *H N 13 B 13741.*  
192525. No. 2077A. *Duro de Naples 9998.*  
192526. No. 2078A. *H 14 A 12707.*  
192527. No. 2079A. *H 20 A 12717.*  
192528. No. 2080A. *H 35 B 12734.*  
192529. No. 2081A. *H 2 A 13324.*  
192530. No. 2082A. *H 15 K 13348.*  
192531. No. 2083A. *H 15 L 13350.*  
192532. No. 2084A. *H 15 L 13351.*  
192533. No. 2085A. *H 15 L 13351.*  
192534. No. 2086A. *H 16 D 13361.*  
192535. No. 2087A. *Artigas III a 12.*  
192536. No. 2088A. *H 32 D 13394.*  
192537. No. 2089A. *H 32 E 13397.*  
192538. No. 2090A. *H 3 E 12702.*

## 190983 to 192866—Continued

192539. No. 2091A. *H 19 D 12716.*  
192540. No. 2092A. *H 20 E 12721.*  
192541. No. 2093A. *H 23 D 12725.*  
192542. No. 2094A. *H 33 D 12732.*  
192543. No. 2095A. *H 8 B 13331.*  
192544. No. 2096A. *H 16 F 13365.*  
192545. No. 2097A. *H 16 F 13366.*  
192546. No. 2098A. *H 39 O 13643.*  
192547. No. 2099A. *H 39 O 13644.*  
192548. No. 2100A. *H N B D 13745.*  
192549. No. 2101A. *H 32 H 13789.*  
192550. No. 2102A. *H N A C 12230.*  
192551. No. 2103A. *H 3 C 12700.*  
192552. No. 2104A. *H 3 C 12706.*  
192553. No. 2105A. *H 14 D 12710.*  
192554. No. 2107A. *H 35 F 12738.*  
192555. No. 2108A. *H 35 G 12739.*  
192556. No. 2110A. *H 16 H 13373.*  
192557. No. 2113A. *H N B C 13739.*  
192558. No. 2114A. *H N C A 12749.*  
192559. No. 2117A. *Sol IV.*  
192560. No. 2122A. *Orig Psnice Sekac 304.*  
192561. No. 2123A. *Or Kasticka Presivkakmen 202.*  
192562. No. 2127A. *Kron 0986 d.*  
192563. No. 2129A. *01070 b.*  
192564. No. 2130A. *Tystofte Smaalvede II.*  
192565. No. 2132A. *Bore I 0406.*  
192566. No. 2133A. *Ankar I.*  
192567. No. 2137A. *Thule III 0844.*  
192568. No. 2138A. *Svea II 0841.*  
192569. No. 2139A. *0760 Froma Vinda de Varmland.*  
192570. No. 2144A. *Krafts Siegerlander.*  
192571. No. 2145A. *Statlers Goliath.*  
192572. No. 2146A. *Lembkes.*  
192573. No. 2147A. *Criewener 104.*  
192574. No. 2148A. *Strubes General V. Stocken.*  
192575. No. 2149A. *H. Inversable.*  
192576. No. 2150A. *Bon Fermier.*  
192577. No. 2151A. *Sandomierska S. 3.*  
192578. No. 2152A. *Oscista Triunf. Mikulice.*  
192579. No. 2153A. *Stendes.*  
192580. No. 2154A. *Sukkula.*

## 190983 to 192866—Continued

- 192581. No. 2155A. *Mankar Kolben.*
- 192582. No. 2156A. *Plantahofw. 3.*
- 192583. No. 2157A. *Plantahofw. 3.*
- 192584. No. 2158A. *Super.*
- 192585. No. 2159A. *Red Browick.*
- 192586. No. 2160A. *Hallets Genealogy.*
- 192587. No. 2164A. *Sbenskt Lant Fr. Knubty.*
- 192588. No. 2170A. *N.A. 95.*
- 192589. No. 2172A. *Bel 116.*
- 192590. No. 2173A. *N.A. 101.*
- 192591. No. 2176A. *Aziziah, 12565.*
- 192592. No. 2177A. *Passo Mussolini Tipo 162.*
- 192593. No. 2178A. *Galego Rapado.*
- 192594. No. 2179A. *Tucur Tipo 125.*
- 192595. No. 2181A. *01106—Vg. 31/39 Kron × Standard.*
- 192596. No. 2182A. *Mocho de Espiga Branca, 2023 v. 2.*
- 192597. No. 2183A. *Mole Algarvio, 9012.*
- 192598. No. 2185A. *Ribatejano, 2863 v. 12.*
- 192599. No. 2186A. *Sacho, 5625 v. 12.*
- 192600. No. 2187A. *Barbado, 2714 v. 14.*
- 192601. No. 2188A. *Ruivo (Precoce) A 2204 v. 14.*
- 192602. No. 2189A. *Temporao de Coruche, 2576 v. 12.*
- 192603. No. 2190A. *Transtagano, 3780.*
- 192604. No. 2191A. *Viloso Mole, 5164 v. 18.*
- 192605. No. 2192A. *Mocho de Espiga Quadrada 2051 v. 12.*
- 192606. No. 2193A. *Nacional, 2745 v. 14.*
- 192607. No. 2194A. *Aza de Corvo 2425 v. 58.*
- 192608. No. 2195A. *Lobeiro de Grao Escuro 2464 v. 72.*
- 192609. No. 2196A. *Vermelejoilo, 2462 v. 77.*
- 192610. No. 2197A. *Entrelargo de Montijo 5378 v. 18 A.*
- 192611. No. 2198A. *Anafil Escuro, 2337 v. 87.*
- 192612. No. 2202A. *Hope (22) 12282.*
- 192613. No. 2203A. *Mentana Branco, 3098.*
- 192614. No. 2211A. *H No. 5 13447.*
- 192615. No. 2220A. *Kenya.*
- 192616. No. 2225A. *Dabat Tipo 32.*
- 192617. No. 2226A. *Dessie Tipo 117.*
- 192618. No. 2227A. *Dessie Tipo 2137.*
- 192619. No. 2228A. *Grano di Moggio Tipo 44.*
- 192620. No. 2229A. *Moggio Tipo 116.*
- 192621. No. 2230A. *Camadi Arsitti Tipo 175.*
- 192622. No. 2231A. *Camadi Hadi Tipo 104.*

## 190983 to 192866—Continued

192623. No. 2238A. *1339 Hindi 12.*  
 192624. No. 2239A. *186 Ribeiro.*  
 192625. No. 2241A. *Capelli × Alexandre 2293 4527.*  
 192626. No. 2244A. *211-1-40 (Hope × Ext. Sur Arg.) × Reward.*  
 192627. No. 2247A. *Klein Sinmarg.*  
 192628. No. 2249A. *King II.*  
 192629. No. 2251A. *Kruger Aristato.*  
 192630. No. 2252A. *Jubile.*  
 192631. No. 2256A. *Regent 580.*  
 192632. No. 2260A. *Jacto (W 1373).*  
 192633. No. 2263A. *Litoral Precoce.*  
 192634. No. 2264A. *Trintacino.*  
 192635. No. 2270A. *3185 Montgolfier × Equateur.*  
 192636. No. 2271A. *01554, Marzaga.*  
 192637. No. 2272A. *0136—Casablanca.*  
 192638. No. 2273A. *0284—Maghoussa.*  
 192639. No. 2274A. *0321 Maghoussa Amizmiz.*  
 192640. No. 2275A. *0350 Mers Toudjna.*  
 192641. No. 2276A. *0377 Meziab.*  
 192642. No. 2277A. *1334-Hindi D. Kassa.*  
 192643. No. 2279A. *1612 Progres 6902.*  
 192644. No. 2280A. *191-1 Santa Marta 1.*  
 192645. No. 2281A. *Karachi.*  
 192646. No. 2286A. *Matopo.*  
 192647. No. 2287A. *Granadero Klein.*  
 192648. No. 2288A. *Florence × Aurore 588/67.*  
 192649. No. 2289A. *Sterling 515.*  
 192650. No. 2290A. *Kruger 473.*  
 192651. No. 2293A. *Simber.*

## 192652. TRITICUM.

- No. 2294A. From Elvas, Portugal.  
*Triticum aestivum × Aegilops ovata 29.*

## 192653 to 192866. TRITICUM AESTIVUM L.

Common wheat.

192653. No. 2295A. *3186-13 D C 1808 × BDC 1744.*  
 192654. No. 2296A. *2901 Mahmoudi 552.*  
 192655. No. 2297A. *0212 Agadir.*  
 192656. No. 2298A. *0302 Taza.*  
 192657. No. 2299A. *0308 Kasba Tadla.*  
 192658. No. 2301A. *0478 Meknes.*  
 192659. No. 2302A. *Tedaro Familia 29 2673.*  
 192660. No. 2303A. *Prodigio Italiano 9985.*  
 192661. No. 2304A. *Cambio 12561.*

## 190983 to 192866—Continued

- 192662. No. 2306A. *Precoce de Japão 3448.*
- 192663. No. 2307A. *Littorio 13943.*
- 192664. No. 2309A. *Riccio Strampelli 3744.*
- 192665. No. 2310A. *Marrocos 110—3622.*
- 192666. No. 2311A. *H 33 F 13404.*
- 192667. No. 2316A. *H 39 G 13409.*
- 192668. No. 2319A. *H 39 P 13638.*
- 192669. No. 2320A. *H N Rod 49 14872.*
- 192670. No. 2321A. *(T) P Littorio 3559.*
- 192671. No. 2329A. *Lores.*
- 192672. No. 2330A. *Kenya.*
- 192673. No. 2332A. *Kenya.*
- 192674. No. 2335A. *Kenya.*
- 192675. No. 2336A. *Kleen 31.*
- 192676. No. 2337A. *Cologna.*
- 192677. No. 2338A. *Amarai Tipo No. 7.*
- 192678. No. 2339A. *Felasit Rosso Tipo 11.*
- 192679. No. 2342A. *Addis Alem Tipo 59.*
- 192680. No. 2346A. *Dessie Tipo 151.*
- 192681. No. 2349A. *Camadi Oromo Tipo 75.*
- 192682. No. 2353A. *Irgalem Tipo 109.*
- 192683. No. 2354A. *Camadi Scianggare Tipo 168.*
- 192684. No. 2359A. *Svalofs Kolben, 0702.*
- 192685. No. 2360A. *Gyllemvete II.*
- 192686. No. 2364A. *Marquis (Bosutoland) Tipo 234.*
- 192687. No. 2365A. *Nord Sidfinskt Fr. Alavus.*
- 192688. No. 2366A. *B.T.C. Barce Tipo 233.*
- 192689. No. 2367A. *Double Cross.*
- 192690. No. 2368A. *Polskt.*
- 192691. No. 2369A. *01023 b—Extra Kolben II, 0843 × Diamant.*
- 192692. No. 2370A. *Florence Tipo 222.*
- 192693. No. 2371A. *Ble Tendre 368-15 Tipo 230.*
- 192694. No. 2372A. *Rouge Proligique Barbu.*
- 192695. No. 2373A. *Roemer.*
- 192696. No. 2374A. *Roemer.*
- 192697. No. 2375A. *Roemer.*
- 192698. No. 2376A. *Roemer.*
- 192699. No. 2377A. *Hopea.*
- 192700. No. 2378A. *Mahmoudi A.P. 3 Tipo 227.*
- 192701. No. 2380A. *Saxo.*
- 192702. No. 2381A. *Aring.*
- 192703. No. 2382A. *A 24/8—Pansar II, 0802 × Smaa.*

## 190983 to 192866—Continued

192704. No. 2383A. *Juliana* (We E. O.).  
192705. No. 2385A. *Iduna*.  
192706. No. 2386A. *Oland*.  
192707. No. 2387A. *Gotland*.  
192708. No. 2388A. *Vastergotland*.  
192709. No. 2389A. *Vastergotland*.  
192710. No. 2390A. *Bohuslan*.  
192711. No. 2391A. *Ostpreuss*.  
192712. No. 2392A. *Hohenwetterbacher*.  
192713. No. 2393A. *B. D. Tipo 228*.  
192714. No. 2394A. *Heils Dickkopf*.  
192715. No. 2395A. *H. de Avvikelse*.  
192716. No. 2396A. *T de Lituania*.  
192717. No. 2397A. *Dankowska Graniatka*.  
192718. No. 2398A. *Fürst Hatzfeld*.  
192719. No. 2401A. *Ryskt. Myckettidigt*.  
192720. No. 2404A. (Tr.  $\times$  C.) 37/60.  
192721. No. 2406A. *Achleiters, Ritzlh*.  
192722. No. 2407A. *Marienhofer Bartw*.  
192723. No. 2409A. *Nowa St. Zagarska*.  
192724. No. 2413A. *Litaviskt*.  
192725. No. 2414A. *Lant. Fr. Angermandland*.  
192726. No. 2415A. *U 32/96-Bore I 0406*.  
192727. No. 2416A. *Svenkt Lant*.  
192728. No. 2417A. *Kleisistron (Sud-Africa) t. 210*.  
192729. No. 2418A. *Dux Tipo 205*.  
192730. No. 2420A. *Burbank Tipo a04*.  
192731. No. 2421A. *Durazio Melnopus, 0333*.  
192732. No. 2422A. *Aziziah II*.  
192733. No. 2423A. *Magarbia (Barce) t. 241*.  
192734. No. 2424A. *Alexandre 2293*.  
192735. No. 2425A. *Magarbia Tipo 201*.  
192736. No. 2426A. *Hamira Tipo 238*.  
192737. No. 2428A. *Richelle (Rosso) Tipo 218*.  
192738. No. 2429A. *Vermelho Fino, 0456*.  
192739. No. 2430A. *Richelle (aristado) Tipo 217*.  
192740. No. 2431A. *Richelle (mutico) Tipo 216*.  
192741. No. 2432A. *Nec Tipo 149*.  
192742. No. 2433A. *Oeltta Tipo 152*.  
192743. No. 2434A. *Suhulu Villosa Tio 197*.  
192744. No. 2437A. *Dattel*.  
192745. No. 2438A. *Suhulu Villosa Tipo 105*.

## 190983 to 192866—Continued

192746. No. 2440A. *Tucur Tipo 140.*  
192747. No. 2441A. *Temporão de Coruche 0216.*  
192748. No. 2442A. *Manna Bianco Tipo 85.*  
192749. No. 2443A. *Manna Rosso Tipo 79.*  
192750. No. 2447A. *Sole Tipo 176.*  
192751. No. 2448A. *Sole Tipo 67.*  
192752. No. 2455A. *V. Rumkets Sommer Dickkopf.*  
192753. No. 2456A. *Sanetxkis Früher So Weizen.*  
192754. No. 2457A. *0984 Yeoman 32/238.*  
192755. No. 2458A. *32/71—23/55 × Standard.*  
192756. No. 2462A. *Pika.*  
192757. No. 2465A. *Sobotka.*  
192758. No. 2466A. *Belia.*  
192759. No. 2467A. *Belia.*  
192760. No. 2480A. *Mocho de Espiga Branca 8032 v. 2.*  
192761. No. 2481A. *Mocho de Espiga Branca 9371 v. 2.*  
192762. No. 2482A. *Mocho Cabecudo, 9096.*  
192763. No. 2485A. *Eborense, 2720 v. 4.*  
192764. No. 2487A. *Galego Rapado 2055 v. 4.*  
192765. No. 2488A. *Galego Rapado 3472 v. 4.*  
192766. No. 2494A. *Barbela B. 3439 v. 12.*  
192767. No. 2495A. *Barbela B. 5823 v. 12.*  
192768. No. 2497A. *Barbela B. 11730 v. 12.*  
192769. No. 2498A. *Barbela C. 7333 v. 12.*  
192770. No. 2499A. *Barbela C. 12611 v. 12.*  
192771. No. 2500A. *Barbela 11753 v. 12.*  
192772. No. 2501A. *Barbela 12762 v. 12.*  
192773. No. 2502A. *Barbela Grosso 2063 v. 12.*  
192774. No. 2503A. *Magueija 7505 v. 12.*  
192775. No. 2504A. *Magueija 11602 v. 12.*  
192776. No. 2505A. *Bejense 2851.*  
192777. No. 2506A. *Egipcio 3470 II v. 12.*  
192778. No. 2507A. *Elvense 2722 v. 12.*  
192779. No. 2508A. *Fronteirico 2729 v. 12.*  
192780. No. 2509A. *Magueija de Colmo Cheio 3665 v. 12.*  
192781. No. 2510A. *Maia 2547 v. 12.*  
192782. No. 2511A. *Maia 9994 v. 12.*  
192783. No. 2512A. *Portugues 2565 v. 12.*  
192784. No. 2513A. *Dessie Tipo 113.*  
192785. No. 2514A. *Ribeiro 2085 v. 12.*  
192786. No. 2515A. *Ribeiro 3443 v. 12.*  
192787. No. 2516A. *Ribeiro 6042 v. 12.*

## 190983 to 192866—Continued

192788. No. 2524A. *Beirão 2716 v. 14.*  
192789. No. 2525A. *Belem 2733 v. 14.*  
192790. No. 2526A. *Belem 2814 v. 14.*  
192791. No. 2527A. *Belem 7882 v. 14.*  
192792. No. 2528A. *Galego Barbado 2239 v. 12.*  
192793. No. 2529A. *Galego Barbado 2576 v. 12.*  
192794. No. 2530A. *Galego Barbado 8676 v. 12.*  
192795. No. 2533A. *Ideal 11665 v. 14.*  
192796. No. 2535A. *Luso 3478 v. 14.*  
192797. No. 2537A. *Precoce 3553 v. 14.*  
192798. No. 2538A. *Precoce 12755 v. 14.*  
192799. No. 2539A. *Ruivo (precoce) A 2585 v. 14.*  
192800. No. 2540A. *Ruivo (precoce) A 6024 v. 14.*  
192801. No. 2541A. *Ruivo (tardio) A 11695 v. 14.*  
192802. No. 2545A. *Ruivo (tardio) B 11686 v. 14.*  
192803. No. 2546A. *Ruivo B 11741.*  
192804. No. 2547A. *Saloio 2753 v. 14.*  
192805. No. 2548A. *Saloio 2865 v. 14.*  
192806. No. 2549A. *Serrano 3474 v. 12.*  
192807. No. 2551A. *Temporao de Coruche 8077 v. 14.*  
192808. No. 2552A. *Tremes Arroxeado 2613.*  
192809. No. 2553A. *Tremes Ruivo 2073 v. 14.*  
192810. No. 2555A. *Barbaro 2849.*  
192811. No. 2556A. *Vilose Mole 8166 v. 18.*  
192812. No. 2557A. *Poveiro 11784 v. 20.*  
192813. No. 2558A. *Mocho de Espiga Quadrada 3471 v. 26.*  
192814. No. 2559A. *Branco 2270.*  
192815. No. 2560A. *Nacional 11671 v. 44.*  
192816. No. 2561A. *Cascalvo 9618 v. 45.*  
192817. No. 2547A. *Rubião 6487 v. 49.*  
192818. No. 2575A. *Rubião 9053 v. 49.*  
192819. No. 2578A. *Alentejo 11618 v. 53.*  
192820. No. 2581A. *Pombinho 2283 v. 54.*  
192821. No. 2583A. *Pombinho 6358 v. 54.*  
192822. No. 2584A. *Bagudo 9032 v. 56 A.*  
192823. No. 2585A. *Bagudo 10150 v. 56 A.*  
192824. No. 2586A. *Vermelho de Barba Preta 6286 v. 57.*  
192825. No. 2587A. *Aza de Corvo 24254 v. 58.*  
192826. No. 2589A. *Barba de Lobo 11789 v. 58.*  
192827. No. 2591A. *Dezassete 2621 v. 58.*  
192828. No. 2594A. *Lobeiro 2473 v. 70.*  
192829. No. 2595A. *Russo 9363 v. 70.*



## 190983 to 192866—Continued

192830. No. 2596A. *Russo 8683 v. 70.*  
 192831. No. 2597A. *Russo 10212 v. 70.*  
 192832. No. 2598A. *Amarelo de Barba Branca 3690 v. 72.*  
 192833. No. 2599A. *Amarelo de Barba Branca 8966 v. 72.*  
 192834. No. 2600A. *Amarelo de Barba Branca 12552 v. 72.*  
 192835. No. 2601A. *Candeal de Grão Escuro 2318 v. 72.*  
 192836. No. 2602A. *Candeal de Grão Escuro 2537 v. 72.*  
 192837. No. 2603A. *Candeal de Grão Escuro 11606 v. 72.*  
 192838. No. 2604A. *Lobeiro de Grão Escuro 7808 v. 72.*  
 192839. No. 2605A. *Tremes Rijo 2093 v. 72.*  
 192840. No. 2606A. *Tremes Rijo 2496 v. 72.*  
 192841. No. 2618A. *Santa Marta 2286 v. 76.*  
 192842. No. 2619A. *Santa Marta 2442 v. 76.*  
 192843. No. 2620A. *Santa Marta 9183 v. 76.*  
 192844. No. 2624A. *Vermelejoilo 4576 v. 77.*  
 192845. No. 2628A. *Mourisco 7746 v. 79.*  
 192846. No. 2632A. *Mourisco Fino v. 80.*  
 192847. No. 2636A. *Entre Largo de Montijo 7173 v. 18 A.*  
 192848. No. 2637A. *Entre Largo de Montijo 8201 v. 18 A.*  
 192849. No. 2638A. *Mourisco Preto de Grão Escuro 11683 v. 82.*  
 192850. No. 2639A. *Preto de Tavira 12763 v. 82 A.*  
 192851. No. 2640A. *Tremes Preto 3687.*  
 192852. No. 2641A. *Amarelo de Barba Preta 2846 v. 36.*  
 192853. No. 2642A. *Durazio Rijo 2312 v. 86.*  
 192854. No. 2643A. *Durazio Molar 9076 v. 87.*  
 192855. No. 2645A. *Escuro 6141 v. 93.*  
 192856. No. 2646A. *Tomarense 2830 v. h.*  
 192857. No. 2647A. *Espanhol Mocho 8856 v. 1.*  
 192858. No. 2648A. *Espanhol Chamorro 8195 v. 1.*  
 192859. No. 2649A. *Gular 12424 v. 1.*  
 192860. No. 2650A. *Florence 10101 v. 1.*  
 192861. No. 2651A. *Hebda.*  
 192862. No. 3595. *Amarai Rosso Tipo 69.*  
 192863. No. 2016A. *P. G. 1.*  
 192864. No. 2166A. *R. 023.*  
 192865. No. 2464A. *Bielers Edelepp.*  
 192866. (No number) Bearded variety found mixed with *Fortunato*.

## 192867 to 192884.

From Java. Seeds presented by the Institute for Agricultural Research, Bogor. Received Oct. 3, 1950.

192867 to 192874. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

192867. *Ringgit.*

192869. No. 27.

192868. *Sumbing.*

192870. No. 441.

## 192867 to 192884—Continued

192871. No. 448.

192873. No. 450.

192872. No. 449.

192874. No. 520.

192875 to 192880. SORGHUM VULGARE Pers. Poaceae.

192875. *Birdproof.*192878. *Malang.*192876. *Katengu.*192879. *Ontjer Padi.*192877. *Klerksdorp Red.*192880. *Pretoria.*

192881 to 192884. ZEA MAYS L. Poaceae.

Corn.

192881. *Glee Menado.*192883. *Gendjah Warangan.*192882. *Gele Oost Java.*192884. *Maja.*

## 192885 to 192889.

From Chile. Seeds presented by the Ministry of Lands and Colonization, Santiago. Received Oct. 3, 1950.

192885. AETOXICON PUNCTATUM Ruiz. &amp; Pav. Euphorbiaceae.

*Olivillo.*

192886. FABIANA IMBRICATA Ruiz &amp; Pav. Solanaceae.

*Romero Pichi.*

192887. NOTHOFAGUS PROCERA Oerst. Fagaceae.

*Rauli.*

192888. QUILLAJA SAPONARIA Molina. Rosaceae.

Quillay.

192889. WEINMANNIA TRICHOSPERMA Cav. Cunoniaceae.

*Palo Santo.*

## 192890 to 192918. SACCHARUM. Poaceae.

Sugarcane.

From India. Cuttings collected by E. W. Brandes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 4, 1950.

Collected between Bangalore and Coimbatore.

192890. *Assam Red.*192905. *Maneia.*192891. *Balghat Thin.*192906. *Mango Sic.*192892. *B.H. No. V.*192907. *Manjri Red.*192893. *B.H. No. IX.*192908. *Mogali.*192894. *Bontha.*192909. *Mojarah.*192895. *Chittan.*192910. *Newra.*192896. *Chynia.*192911. *Pansahi 204.*192897. *G 2291.*192912. *Ramgarh.*192898. *Hmwabi Black.*192913. *Reddi Cherukku.*192899. *Javari Kabbu.*192914. *Sahrampur Black.*192900. *Kalkya.*192915. *Sin Nombre.*192901. *Karia.*192916. *Sunnabile.*192902. *Ketari II.*192917. *Teli.*192903. *Kharwi.*192918. *Thella Cherukku.*192904. *Lakhapur.*

**192919 to 192923. HUMULUS LUPULUS L. Moraceae.****Common hop.**

From Tasmania. Roots presented by Shoobridge Brothers, Bushy Park.  
Received Oct. 6, 1950.

192919. *Fuggles.*192922. *Lates.*192920. *Golden Cluster.*192923. *White Grape.*192921. *Goldings.***192924 to 192933.**

From New Zealand. Seeds presented by the Department of Scientific and  
Industrial Research, Botany Division, Wellington. Received Oct. 6, 1950.

192924. AGROPYRON SCABRUM (R. Br.) Beauv. Poaceae.

No. E. 159.

192925. LOLIUM PERENNE L. Poaceae.

**Perennial ryegrass.**

No. E. 162.

192926. LOTUS ULIGINOSUS Schkuhr. Fabaceae.

**Big trefoil.**

No. E. 168.

192927. POA ANCEPS Forst. Poaceae.

No. E. 161.

192928. POA AUSTRALIS R. Br.

No. E. 160.

192929 and 192930. TRIFOLIUM PRATENSE L. Fabaceae.

**Red clover.**

192929. No. E. 163.

192930. No. E. 164.

192931. TRIFOLIUM REPENS L.

**White clover.**

No. E. 165.

192932 and 192933. TRIFOLIUM SUBTERRANEUM L.

**Subterranean clover.**

192932. No. E. 166.

192933. No. E. 167.

**192934 and 192935.**

From Colombia. Seeds presented by William A. Kyburz, Cali. Received  
Oct. 6, 1950.

192934. AXONOPUS sp. Poaceae.

*Imperial.*

192935. AXONOPUS sp.

*Micay.***192936 to 192946.**

From China. Seeds presented by Tze-Kong Waung, Hwah Tung Steamship  
Company, Shanghai. Received Oct. 9, 1950.

192936. BRASSICA JUNCEA (L.) Coss. Brassicaceae.

**Chinese mustard.***Long Life.*

192937 and 192938. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

**Watermelon.**192937. *Greenskin Red.*192938. *Medium.*

## 192936 to 192946—Continued

192939. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.  
A sweet melon, resembling *Honey Dew*.
192940. CUCUMIS SATIVUS L. Cucumber.
- 192941 and 192942. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.
192941. *Salad Melon Special*.
192942. A sweet, yellow variety.
192943. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.
192944. MEDICAGO HISPIDA Gaertn. Fabaceae. Burclover.
192945. SPINACIA OLERACEA L. Chenopodiaceae. Spinach.
192946. ZEA MAYS L. Poaceae. Corn.

192947 to 192950. RICINUS COMMUNIS L. Euphorbiaceae.  
Castorbean.

From Kenya. Seeds presented by Stuart Gillet, Nairobi. Received Oct. 9, 1950.

192947. Indigenous variety. 192949. *Mauthner*.
192948. Seeds large, red, mottled. 192950. A tree type.

## 192951 and 192952.

From France. Seeds presented by the Jardin Botanique, Strasbourg. Received Oct. 11, 1950.

192951. VERATRUM ALBUM L. Liliaceae.
192952. VERATRUM NIGRUM L.

## 192953 to 192968.

From Kenya. Seeds presented by S. P. Rawlins, Cherangani. Received Oct. 11, 1950.

192953. ASTRAGALUS VENOSUS Hochst. Fabaceae.  
No. 3.
192954. CROTALARIA AGATIFLORA Schweinf. f. Fabaceae.  
No. 11.
192955. CROTALARIA INCANA L.  
No. 10.
192956. CROTALARIA sp.  
No. 8.
192957. CROTALARIA sp.  
No. 15.
192958. DIGITARIA UNIGLUMIS (A. Rich.) Stapf. Poaceae.
192959. ERAGROSTIS CHALCANTHA Trin. Poaceae.  
No. 14.
192960. ERIOSEMA sp. Fabaceae.  
No. 6.
192961. LOUDETIA sp. Poaceae.  
No. 13. Received as *L. kavangensis*, an apparently unpublished name.
192962. PANICUM MAXIMUM Jacq. Poaceae. Guinea grass.  
No. 1.

**192953 to 192968—Continued**192963. *RHYNCHOSIA* sp. Fabaceae.

No. 7.

192964. *SETARIA LONGISETA* Beauv. Poaceae.

No. 2.

192965. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb.

No. 4.

192966. *VIGNA* sp. Fabaceae.

No. 5.

192967. *VIGNA* sp.

No. 9.

192968. *VIGNA* sp.

No. 10.

**192969. *ARAUCARIA EXCELSA* R. Br. Pinaceae.****Norfolk Island pine.**

From Peru. Seeds presented by G. Garcia Rada, Escuela Nacional de Agricultura, Lima. Received Oct. 13, 1950.

**192970 and 192971.**

From Denmark. Seeds presented by the Botanic Garden, Copenhagen. Received Oct. 13, 1950.

192970. *BRASSICA HIRTA* Moench. Brassicaceae.

White mustard.

192971. *CAMELINA SATIVA* (L.) Crantz. Brassicaceae.**192972 to 192974.**

From Brazil. Seeds presented by M. L. Owen, Aquidauana, Mato Grosso. Received Oct. 13, 1950.

192972. *APIUM* sp. Apiaceae.

No. 5.

192973. *BROMELIA* sp. Bromeliaceae.

No. 2.

192974. *SESAMUM INDICUM* L. Pedaliaceae.

Sesame.

No. 4.

**192975 to 192980.**

From the French West Indies. Seeds presented by the Ministry of Agriculture, Basse-Terre, Guadeloupe. Received Oct. 13, 1950.

192975. *CANAVALIA ENSIFORMIS* (L.) DC. Fabaceae.

Jackbean.

192976. *CROTALARIA SPECTABILIS* Roth. Fabaceae.192977. *CROTALARIA USARAMOENSIS* Baker f.192978 to 192980. *SORGHUM VULGARE* Pers. Poaceae.192978. *Brazil Melange.*192979. *Melange S. 40.*192980. *Waconia Melange.***192981. *TRITICUM AESTIVUM* L. Poaceae.****Common wheat.**

From Guatemala. Seeds presented by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Oct. 16, 1950.

Collected at San Pedro, Soloma.

**192982. PHORMIUM TENAX Forst. Liliaceae. New Zealand flax.**

From the Island of St. Helena. Seeds obtained through the American Consulate, Cape Town, Cape Province, Union of South Africa. Received Oct. 23, 1950.

**192983 and 192984. VITIS VINIFERA L. Vitaceae.****European grape.**

From India. Cuttings presented by Dr. S. R. Gandhi, College of Agriculture, Poona. Received Oct. 17, 1950.

192983. *Khandhari*.192984. *Selection 94*.**192985. LOTUS sp. Fabaceae.**

From Costa Rica. Plant presented by Jorge Leon, Inter-American Institute of Agricultural Sciences, Turrialba. Received Oct. 17, 1950.

**192986 and 192987. SACCHARUM. Poaceae.****Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiment Stations, Brisbane, Queensland, Victoria. Received Oct. 18, 1950.

192986. *Malabar*.192987. *POJ 2875*.**192988 to 193000.**

From Spain. Seeds collected by Dr. E. B. Babcock, University of California, Berkeley, Calif. Received Oct. 18, 1950.

192988. *HEDYSARUM CORONARIUM L. Fabaceae.***Sulla.**

Between Algeciras and Tarifa.

192989. *HEDYSARUM HUMILE L.*

Valencia.

192990. *LACTUCA TENERRIMA Pourr. Asteraceae.*

Albánchez, Andalusia.

192991 to 192998. *ONOBRYCHIS VICIAEFOLIA Scop. Fabaceae.***Sainfoin.**

From Lérida.

192991. No. 1.

192995. No. 5.

192992. No. 2.

192996. No. 6.

192993. No. 3.

192997. No. 7.

192994. No. 4.

192998. No. 8.

192999. *SANGUISORBA MAGNOLII (Spach) Rothm. & Silva. Rosaceae.*193000. *SCORPIURUS SULCATA L. Fabaceae.*

Algeciras.

**193001 to 193003. ZEA MAYS L. Poaceae.****Corn.**

From Guatemala. Seeds presented by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Oct. 16, 1950.

From Ixnamkonap, San Pedro, Soloma.

193001. Seeds red.

193002. Seeds white.

193003. Seeds yellow.

**193004 and 193005.**

From the Netherlands. Seeds presented by the Botanic Garden, Amsterdam.  
Received Oct. 20, 1950.

193004. *BRASSICA HIRTA* Moench. Brassicaceae. White mustard.

193005. *CAMELINA SATIVA* (L.) Crantz. Brassicaceae.

**193006 to 193008. PHASEOLUS VULGARIS L. Fabaceae.**

**Common bean.**

From Venezuela. Seeds presented by Thomas L. York, Cornell University  
Experiment Station, Ithaca, New York. Received Oct. 20, 1950.

193006. No. 242.

193007. No. 245.

193008. No. 256.

**193009 and 193010. TRITICUM AESTIVUM L. Poaceae.**

**Common wheat.**

From Denmark. Seeds presented by H. T. Bogn, Borkon. Received Oct. 20,  
1950.

193009. *S* × *K107-16*.

193010. *T12* × *Ewion*.

**193011 and 193012. STROPHANTHUS spp. Apocynaceae.**

From Angola. Seeds presented by Inacio Saiago, Moçâmedes. Received  
Oct. 20, 1950.

193011. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

Lot No. 1.

193012. *STROPHANTHUS* sp.

Lot No. 2.

**193013. HELIOPSIS SCABRA Dun. Asteraceae.**

From Nebraska. Seeds presented by L. C. Newell, Pioneers' Park. Received  
Oct. 23, 1950.

**193014 to 193018. TRITICUM AESTIVUM L. Poaceae.**

**Common wheat.**

From the Union of South Africa. Seeds obtained through W. O. Scott,  
University of Illinois, Urbana. Received Oct. 24, 1950.

193014. *Bontaar*.

193017. *Scheepers*.

193015. *Red Lama*.

193018. *Union S-2*.

193016. *Red Victory*.

**193019 and 193020. FRAGARIA VIRGINIANA Duch. Rosaceae.**

**Virginia strawberry.**

From Canada. Plants presented by the Central Experimental Farms, Ottawa.  
Received Oct. 24, 1950.

193019. Clon 13.

193020. Clon 21.

**193021 and 193022. PIPER NIGRUM L. Piperaceae.**

**Black pepper.**

From Indonesia. Seeds presented by Djawatan Pertanian Pakjat, Bangka.  
Received Oct. 26, 1950.

**193021 and 193022—Continued**193021. *Sahang-Bangka*.193022. *Sahang Lampong*.**193023 to 193029. AVENA SATIVA L. Poaceae.****Oats.**

From Scotland. Seeds presented by the Scottish Society for Research in Plant Breeding, Corstorphine. Received Oct. 30, 1950.

193023. *Castleton Potato*.

193027. (No data.)

193024. *Craigs Afterlea*.

193028. (No data.)

193025. *Early Miller*.

193029. (No data.)

193026. *Elder*.**193030 to 193044. AVENA SATIVA L. Poaceae.****Oats.**

From Australia. Seeds presented by N. E. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Oct. 30, 1950.

193030. *Algerian*.193038. *Gidgee*.193031. *Ballidu*.193039. *Guyra*.193032. *Belar*.193040. *Klein. 69 B*.193033. *Brigalow*.193041. *Kurrajong*.193034. *Bunya*.193042. *Lampton*.193035. *Burke*.193043. *Orient*.193036. *Dale*.193044. *White Tartarian*.193037. *Fulghum*.**193045 to 193048.**

From Guatemala. Seeds presented by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Oct. 31, 1950.

193045. *PHASEOLUS VULGARIS L. Fabaceae.***Common bean.**

From Market. San Pedro, Soloma.

193046. *TIGRIDIA sp. Iridaceae.*

Huehuetenango.

193047 and 193048. *TRITICUM AESTIVUM L. Poaceae.***Common wheat.**

193047. Seeds white, soft.

193048. *Corriente*.**193049. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From France. Seeds obtained through Lilian Guernsey, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 31, 1950.

*Osiris*. Brought to France from Egypt, where it is said to be an excellent variety for bread.

**193050. SCHINUS MOLLE L. Anacardiaceae.****California peppertree.**

From Peru. Seeds presented by John F. Dolan, Lima. Received Oct. 31, 1950.

**193051 and 193052. STROPHANTHUS INTERMEDIUS Pax.**  
**Apocynaceae.**

From Angola. Seeds presented by Dr. Guilherme Guerra, Serviços de Agricultura, Luanda. Received Nov. 1, 1950.



**193051 and 193052—Continued**

193051. G. B. 372-A.

193052. G. B. 372-B.

**193053 to 193057.**

From Australia. Seeds presented by F. H. Brunning, Pty. Ltd., Melbourne, Victoria. Received Nov. 2, 1950.

193053. *LOLIUM SUBULATUM* Vis. Poaceae. **Wimmera ryegrass.**193054. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban. Fabaceae. **Burclover.**193055. *PASPALUM DILATATUM* Poir. Poaceae. **Dallis grass.**193056. *PHALARIS TUBEROSA* L. Poaceae.193057. *TRIFOLIUM SUBTERRANEUM* L. Fabaceae. **Subterranean clover.**  
*Yarloop.* Early type.**193058 to 193070.**

From Belgium. Seeds presented by the Station de Recherches de l'État, Gembloux. Received Nov. 2, 1950.

193058 and 193059. *AVENA SATIVA* L. Poaceae. **Oats.**193058. *Blanche du Vieux Moulin.*193059. *Espoir de Gembloux.*193060 to 193064. *HORDEUM VULGARE* L. Poaceae. **Barley.**193060. *Orge 01 Hiver 113.* 193063. *Orge 01 Hiver 174.*193061. *Orge 01 Hiver 169.* 193064. *Orge 01 Hiver Lignee 456.*193062. *Orge 01 Hiver 173.*193065 to 193070. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**193065. *Alba.* 193068. *Jubile.*193066. *Bledor.* 193069. *Ministre.*193067. *Directeur Journes.* 193070. *Prima.***193071. RUBUS** sp. Rosaceae.

From Canada. Plants presented by the Central Experimental Farm, Ottawa. Received Nov. 3, 1950.

0-882.

**193072. NOLINA GEORGIANA** Michx. Liliaceae.

From Georgia. Seeds presented by R. K. Godfrey, Harlem. Received Oct. 23, 1950.

**193073 and 193074.**

From Japan. Seeds presented by H. Arikado, Mie University, Tsu, Mie. Received Nov. 6, 1950.

193073. *SORGHUM VULGARE* Pers. Poaceae.193074. *SORGHUM SUDANENSE* (Piper) Stapf.**193075. CITRUS RETICULATA** Blanco. Rutaceae.**Mandarin orange.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 6, 1950.

*Tangerine.* Collected at Addis Ababa. Oct. 10, 1950.

**193076 to 193092.**

From Greece. Seeds presented by the Greek Ministry of Agriculture, Experimental Station for Forage and Vegetable Breeding, Larissa. Received Nov. 6, 1950.

193076. *MELILOTUS ALBA* var. *ANNUA* Coe. Fabaceae. Sweetclover.  
M. 2039.

193077 and 193078. *MELILOTUS ALBA* Desr. White sweetclover.  
193077. M. 1063.

193078. M. 1347.

193079. *MELILOTUS INDICA* (L.) All. Sweetclover.  
M. 1328.

193080 to 193084. *MELILOTUS OFFICINALIS* (L.) Lam. Yellow sweetclover.

193080. M. 1100. 193083. M. 1385.

193081. M. 1376. 193084. M. 1386.

193082. M. 1384.

193085 to 193092. *TRIFOLIUM INCARNATUM* L. Fabaceae. Crimson clover.

193085. M. 1269. 193089. M. 2035.

193086. M. 2025. 193090. M. 2108.

193087. M. 2026. 193091. M. 2109.

193088. M. 2027. 193092. M. 2110.

**193093 to 193101. AVENA SATIVA L. Poaceae. Oats.**

From Wales. Seeds presented by the Welsh Plant Breeding Station, Aberystwyth. Received Nov. 6, 1950.

193093. S. 75 *Ceirch Llwyd*. 193098. S. 172.

193094. S. 81. 193099. S. 220.

193095. S. 84. 193100. S. 221 *Malldwyn*.

193096. S. 147. 193101. S. 225 *Milford*.

193097. S. 171.

**193102 and 193103. VITIS. Vitaceae.**

From India. Cuttings presented by Dr. S. R. Gandhi, College of Agriculture, Poona. Received Nov. 8, 1950.

193102. *Pandhari Sahebi*.

193103. *Kali Sahebi*.

**193104 and 193105. CAMELLIA. Theaceae.**

From the Netherlands. Plants presented by Felix and Dijkhuis, Boskoop. Received Nov. 9, 1950.

193104. *Angustifolia*.

193105. *Chandler's Rustique*.

**193106 to 193113. TRITICUM AESTIVUM L. Poaceae.**

**Common wheat.**

From France. Seeds presented by Dr. R. Mayer, Plant Breeding Station, Versailles. Received Nov. 9, 1950.

193106. *Barbu de Crussol*. Early type.

193107. *Docteur Mazet*. Early type.

193108. *Etirole de Choisy*. Stiff straw.

**193106 to 193113—Continued**

193109. *Foundard Crespini*. Early type.  
 193110. *Hebrard*. Early type.  
 193111. *Liberator* Stiff straw.  
 193112. *Marival*. Stiff straw.  
 193113. *Pax*. Stiff straw.

**193114 to 193116.**

From South Australia. Seeds presented by the Director, Botanic Garden, Adelaide. Received Nov. 13, 1950.

193114. *CICER ARIETINUM* L. Fabaceae. Chickpea.  
 193115. *LOTUS AUSTRALIS* Andr. Fabaceae.  
 193116. *VICIA CORNIGERA* Chaub. Fabaceae.

**193117 to 193128.**

From England. Seeds presented by the Director, Plant Breeding Institute, Cambridge. Received Nov. 13, 1950.

- 193117 to 193120. *HORDEUM* spp. Poaceae. Barley.  
 193117. *HORDEUM VULGARE* L.  
*Kenia*.  
 193118. *HORDEUM DISTICHON* L.  
*Maja*.  
 193119. *HORDEUM VULGARE* L.  
*Pioneer*.  
 193120. *HORDEUM DISTICHON* L.  
*Prefect*.

**193121 to 193128. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

- |                             |                                     |
|-----------------------------|-------------------------------------|
| 193121. <i>Druchamp</i> .   | 193125. <i>Little Joss</i> .        |
| 193122. <i>Franc Nord</i> . | 193126. <i>Petit Quin Quin</i> .    |
| 193123. <i>Holdfast</i> .   | 193127. <i>Squareheads Master</i> . |
| 193124. <i>Jubilegem</i> .  | 193128. <i>Yeoman II</i> .          |

**193129. SOLANUM ANDIGENUM Juz. & Buk. Solanaceae.**

From Peru. Seeds presented by Norman M. Ward, Institute of Inter-American Affairs, Lima. Received Nov. 13, 1950.

**193130 and 193131.**

From Burma. Seeds collected by Dr. O. E. White, University of Virginia, Charlottesville, Va. Received Nov. 14, 1950.

193130. *MUSA* sp. Musaceae.  
 Chyahkau, near Bhamo.  
 193131. *TORENIA* sp. Scrophulariaceae.  
 Myitkyina, Kachin.

**193132. SOLANUM ANDIGENUM Juz. & Buk. Solanaceae.**

From Peru. Tubers presented by Norman M. Ward, Institute of Inter-American Affairs, Lima. Received Nov. 14, 1950.

**193133 to 193143. SACCHARUM. Poaceae. Sugarcane.**

From Mexico. Cuttings presented by Angel Torres, El Potrero, Veracruz.  
Received Nov. 14, 1950.

- |                              |                              |
|------------------------------|------------------------------|
| 193133. <i>PO Mexico 30.</i> | 193139. <i>PO Mexico 65.</i> |
| 193134. <i>PO Mexico 35.</i> | 193140. <i>PO Mexico 72.</i> |
| 193135. <i>PO Mexico 52.</i> | 193141. <i>PO Mexico 73.</i> |
| 193136. <i>PO Mexico 57.</i> | 193142. <i>PO Mexico 84.</i> |
| 193137. <i>PO Mexico 60.</i> | 193143. <i>PO Mexico 85.</i> |
| 193138. <i>PO Mexico 62.</i> |                              |

**193144 to 193148.**

From Uruguay. Seeds collected by O. S. Aamodt, Bureau of Plant Industry,  
Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15,  
1950.

From the Agricultural Experiment Station, La Estanzuela.

193144. *BROMUS CATHARTICUS* Vahl. Poaceae. **Rescue grass.**  
*157/49.*

193145. *LOLIUM MULTIFLORUM* Lam. Poaceae. **Italian ryegrass.**  
*284.*

193146. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**  
*21d.*

193147. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**  
*116.*

193148. *TRIFOLIUM SUBTERRANEUM* L. **Subterranean clover.**  
*68/31.*

**193149. PINUS PINASTER Ait. Pinaceae. Cluster pine.**

From Portugal. Seeds presented by José Ferreira, Lourinhã. Received  
Nov. 15, 1950.

**193150. ACER PLATANOIDES L. Aceraceae. Maple.**

From England. Trees presented by Walter C. Slocock, Ltd., Goldsworth  
Nursery, Woking, Surrey. Received Nov. 17, 1950.

*Schwedleri.*

**193151. HORDEUM VULGARE var. COELESTE L. Poaceae. Six-rowed barley.**

From Afghanistan. Seeds presented through Franc Shor, New York, New  
York. Received Nov. 20, 1950.

*Kaljabo.* Wakhan. Altitude 8,700 feet.

**193152 to 193155. ORYZA SATIVA L. Poaceae. Rice.**

From the Dutch East Indies. Seeds obtained through the Food and Agricul-  
ture Organization, Washington, D. C. Received Nov. 22, 1950.

193152. *Boak.* 193154. *Gendjah Ratja.*

193153. *Bengawan.* 193155. *Mas.*

**193156 to 193159. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Bolivia. Seeds obtained by N. E. Winters, through the American  
Embassy, La Paz. Received Nov. 22, 1950.

**193156 to 193159—Continued**193156. *Chinchilla*.193158. *Noe*.193157. *Minos* No. 251.193159. *Nittal*.**193160 and 193161. SORGHUM VULGARE Pers. Poaceae.**

From Hawaii. Seeds presented by J. N. Warner, Hawaiian Sugar Planters Association, Honolulu. Received Nov. 24, 1950.

193160. *Manilla*.193161. *New Guinea*.**193162 to 193165.**

From Costa Rica. Seeds collected by Arthur T. Semple, Food and Agriculture Organization, Washington, D.C. Received Nov. 27, 1950.

From the rim of the crater of the volcano Irazu.

193162. *AGROSTIS TOLUCENSIS* H. B. K. Poaceae.193163. *FESTUCA ALTISSIMA* All. Poaceae.193164. *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

193165. *TRisetum* sp. Poaceae.**193166. FRAGARIA. Rosaceae.**

Strawberry.

From England. Plants presented by C. T. Rush, East Malling Research Station, Maidstone, Kent. Received Nov. 27, 1950.

*Royal Sovereign*.

**193167 and 193168. FRAGARIA. Rosaceae.**

Strawberry.

From Eire. Plants presented by Mrs. A. E. Mortimer, Mullagh, Kells, Heath. Received Nov. 27, 1950.

193167. *Carolina*.193168. *Hautbois*.**193169. VERATRUM NIGRUM L. Liliaceae.**

From Yugoslavia. Seeds presented by the Biological Institute, Sarajevo. Received Nov. 27, 1950.

**193170. SANSEVIERIA RAFFILLII N. E. Br. Liliaceae.**

From Tanganyika. Roots presented by the Director of Agriculture, Dar-es-Salaam. Received Nov. 27, 1950.

**193171 and 193172. DACTYLIS GLOMERATA L. Poaceae.**

Orchard grass.

From Wales. Seeds presented by the Welsh Plant Breeding Station, Aberystwyth. Received Nov. 28, 1950.

193171. *S. 37*.193172. *S. 143*.**193173 and 193174.**

From the Union of South Africa. Seeds presented by the Bloem Erf Nurseries, Stellenbosch, Cape Province. Received Nov. 29, 1950.

193173. *TEPHROSIA GLOMERULIFERA* Meisn. Fabaceae.193174. *TEPHROSIA GRANDIFLORA* (Ait.) Pers.**193175 to 193177. ORYZA SATIVA L. Poaceae.**

Rice.

From India. Seeds presented by the Central Rice Research Institute, Cuttack, Orissa. Received Nov. 29, 1950.

## 193175 to 193177—Continued

193175. *ADT 3*.193176. *CO 9*.193177. *CO 10*.193178 to 193182. *SACCHARUM*. Poaceae.**Sugarcane.**

From Taipeh. Cuttings presented by the Sugar Experiment Station, Taipeh.

Received Dec. 4, 1950.

193178. *PT 46-123*.193181. *PT 47-1003B*.193179. *PT 47-1101 N*.193182. *PT 47-1079 N*.193180. *PT 46-112*.

## 193183 and 193184.

From Puerto Rico. Plants presented by the Federal Experiment Station, Mayagüez. Received Dec. 5, 1950.

193183. *CYMOPOGON CITRATUS* (DC.) Stapf. Poaceae.**Lemon grass.**193184. *CYMOPOGON NARDUS* (L.) Rendle.**Citronella grass.**

## 193185 to 193187.

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville, Md. Received Dec. 6, 1950.

193185. *COFFEA* sp. Rubiaceae.

No. 8775. Between Diredawa and Harar. Oct. 30, 1950. Seeds.

193186. (Undetermined.)

No. 8652. Ghinir, Harar Province. Oct. 18, 1950. Bulb.

193187. *KALANCHOE* sp. Crassulaceae.

No. 8682. Diredawa. Oct. 30, 1950. A xerophytic succulent plant. Cuttings.

193188. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From the Cook Islands. Seeds presented by W. McBirney, Rarotonga. Received Dec. 7, 1950.

193189 to 193196. *SACCHARUM*. Poaceae.**Sugarcane.**

From the Canal Zone. Cuttings obtained from the United States Canal Zone Experiment Gardens, Summit. Received Dec. 8, 1950.

193189. *NC 32*.193193. *28 NG 279*.193190. *C-4-6*.193194. *Duruka Menanu*.193191. *Kam Chaan Che*.193195. *Molokai 5498*.193192. *Tjeming Payaman*.193196. *28 NG 221*.193197. *ABELMOSCHUS MOSCHATUS* (L.) Medic. Malvaceae.  
**Muskmallow.**

From Ecuador. Seeds presented by Philip W. Trout, Jacksonville, Fla. Received Dec. 8, 1950.

*Ambrette*. Seeds used as source of oil in perfumery.193198. *CHENOPODIUM QUINOA* Willd. Chenopodiaceae. **Quinoa.**

From Ecuador. Seeds presented by Wilbur V. Harlan, Estación Experimental Agrícola del Ecuador, Quito. Received Dec. 11, 1950.

**193199 and 193200.**

From France. Seeds presented by Vilmorin-Andrieux, Paris. Received Dec. 11, 1950.

193199. *DIANTHUS SUPERBUS* L. Caryophyllaceae.

*Early Dwarf Extra Choice.*

193200. *DIANTHUS CARYOPHYLLUS* L.

Carnation.

*Double Picotes Extra Choice.*

193201. *CASTANEA* sp. Fagaceae.

Chestnut.

From Denmark. Seeds presented by Niels J. Larsen, Copenhagen. Received Dec. 11, 1950.

193202 to 193231. *SACCHARUM*. Poaceae.

Sugarcane.

From Brazil. Cuttings presented by the Ministry of Agriculture, Rio de Janeiro. Received Dec. 12, 1950.

193202. *CB* 45-14.

193217. *CB* 41-34.

193203. *CB* 47-13.

193218. *CB* 45-39.

193204. *CB* 45-27.

193219. *CB* 38-39.

193205. *CB* 46-32.

193220. *CB* 41-70.

193206. *CB* 45-3.

193221. *CB* 40-69.

193207. *CB* 45-22.

193222. *CB* 47-387.

193208. *CB* 47-386.

193223. *CB* 36-14.

193209. *CB* 45-46.

193224. *CB* 47-404.

193210. *CB* 46-5.

193225. *CB* 40-13.

193211. *CB* 45-6.

193226. *CB* 46-22.

193212. *CB* 47-390.

193227. *CB* 46-40.

193213. *CB* 41-14.

193228. *CB* 47-384.

193214. *CB* 41-35.

193229. *CB* 41-19.

193215. *CB* 45-19.

193230. *CB* 38-4.

193216. *CB* 45-98.

193231. *CB* 46-16.

193232. *GLYCINE TABACINA* Benth. Fabaceae.

From Australia. Seeds presented by Dr. N. E. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Dec. 14, 1950.

193233. *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

From Costa Rica. Seeds presented by A. T. Semple, Food and Agriculture Organization, Washington, D. C. Received Dec. 15, 1950.

From the rim of the volcano Irazu.

193234. *LYGEUM SPARTUM* Loefl. Poaceae.

From Spain. Seeds presented by Leon Jordan, Villamanta, Madrid. Received Dec. 18, 1950.

193235. *PELARGONIUM* sp. Geraniaceae.

From Tunisia. Cuttings presented by the Service Botanique et Agronomique, Ariana. Received Dec. 18, 1950.

Introduced as *P. roseum*, an apparently unpublished name. From La Soukra, near Tunis, grown extensively as a source of geranium oil.

**193236 to 193260.**

From Portugal. Seeds presented by the Instituto Botanico da Universidade de Coimbra, Coimbra. Received Dec. 18, 1950.

193236. LOTUS CONIMBRICENSIS Brot. Fabaceae.

193237. LOTUS CRETICUS L.

193238. LOTUS CYTISOIDES L.

193239. LOTUS PARVIFLORUS Deaf.

193240. LUPINUS ALBUS L. Fabaceae.

White lupine.

193241. LUPINUS ANGUSTIFOLIUS L.

Lupine.

193242. LUPINUS ARBOREUS Sims.

Tree lupine.

193243. LUPINUS LUTEUS L.

European yellow lupine.

193244. LUPINUS ROTHMALERI Klingk.

193245. LUPINUS sp.

193246. LUPINUS sp.

193247. TRIFOLIUM BOCCONEI Savi. Fabaceae.

193248. TRIFOLIUM CERNUUM Brot.

193249. TRIFOLIUM FILIFORME L.

Introduced as var. *minus*, an apparently unpublished name.

193250. TRIFOLIUM LIGUSTICUM Balb.

193251. TRIFOLIUM MARITIMUM Hudson.

193252. TRIFOLIUM MIEGEANUM Maire.

193253. TRIFOLIUM MICHELIANUM Savi.

193254. TRIFOLIUM PHYSODES Stev.

193255. TRIFOLIUM STELLATUM L.

193256. TRIFOLIUM STRIATUM var. BREVIDENS Lange.

193257. TRIFOLIUM STRIATUM var. SPINESCENS Lange.

193258. TRIFOLIUM sp.

193259. TRIFOLIUM sp.

193260. TRIFOLIUM TOMENTOSUM L.

**193261. FRAGARIA. Rosaceae.**

Strawberry.

From England. Plants presented by L. and W. Howard, Dayman's Hill Farm, near Maldon, Essex. Received Dec. 18, 1950.

*Tardive de Leopold.*

**193262. STROPHANTHUS EMINII Aschers. & Pax. Apocynaceae.**

From Kenya. Seeds presented by Peter R. O. Bally, Nairobi. Received Dec. 19, 1950.

Originally collected in September 1950, in Shinyanga District, Tanganyika.

**193263 to 193270.**

From Afghanistan. Seeds presented by C. F. Deyoe, Food and Agriculture Organization, United Nations. Received Dec. 21, 1950.

193263. AELUROPUS LITTORALIS Parl. Poaceae.

Anhuei.

193264. AGROPYRON ORIENTALE (L.) R. & S. Poaceae.

Two miles south of Soviet Union border, Anhuei.



## 193263 to 193270—Continued

193265. *ALBIZZIA* sp. Fabaceae.

One-half mile east of Anhuei.

193266. *ARISTIDA* sp. Poaceae.

Fifteen miles east of Anhuei.

193267. *CYNODON DACTYLON* (L.) Pers. Poaceae.

Bermuda grass.

Four miles west of Balkh.

193268. *ERIANTHUS* sp. Poaceae.

Tashkurghan.

193269. *MELICA* sp. Poaceae.

One hundred fifty miles west of Kabul.

193270. *POA BULBOSA* L. Poaceae.

Bulbous bluegrass.

Three miles south of Soviet Union border.

193271. *CRATAEGUS* sp. Malaceae.

From the Union of South Africa. Seeds obtained through the American Embassy, Pretoria, Transvaal. Received Dec. 26, 1950.

193272 to 193276. *CITRUS* spp. Rutaceae.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 26, 1950.

193272 and 193273. *CITRUS AURANTIFOLIA* (Christm.) Swingle.

Lime.

193272. No. 8951. From Addis Ababa. Nov. 28, 1950.

193273. No. 9057. Market, Addis Ababa. Nov. 26, 1950.

193274. *CITRUS LIMON* (L.) Burm. f.

Lemon.

No. 9053. Market, Bishoftu. Dec. 2, 1950.

193275. *CITRUS RETICULATA* Blanco.

Mandarin orange.

No. 9063. Addis Ababa. Dec. 5, 1950.

*Tangerine.*193276. *CITRUS* sp.

No. 9052. Market, Bishoftu. Dec. 2, 1950.

193277. *STROPHANTHUS WELWITSCHII* (Baill.) K. Schum.  
Apocynaceae.

From Angola. Seeds presented by Dr. A. T. Knight, Missão de Dondi, Bela Vista. Received Dec. 27, 1950.

193278 to 193284. *GOSSYPIUM*. Malvaceae.

Cotton.

From Argentina. Seeds presented by the Instituto de Fitotecnica, Buenos Aires. Received Dec. 27, 1950.

193278. *Catamarca F2.*193282. *Las Brenas 341.*193279. *El Colorado 1L.*193283. *Saenz Pena 61.*193280. *El Colorado 2R.*193284. *Saenz Pena 81.*193281. *Juntalgodon Brebbia 83.*193285. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From South Australia. Seeds presented by Dr. A. T. Pugsley, University of Adelaide, Adelaide. Received Dec. 27, 1950.

193286. *CERATONIA SILIQUA* L. Fabaceae. **Carob.**

From Cyprus. Cuttings presented by J. Hirst, Director of Agriculture, Nicosia. Received Dec. 28, 1950.

*Tilliria.*

193287. *STROPHANTHUS WELWITSCHII* (Baill.) K. Schum.  
Apocynaceae.

From Angola. Seeds presented by Dr. A. T. Knight, Missão de Dondi, Bela Vista. Received Dec. 29, 1950.

193288. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From England. Seeds presented by Hugh R. Finn, Nackington Farms, Canterbury. Received Dec. 29, 1950.

*Harbinger.*

193289 and 193290. *MELILOTUS* spp. **Sweetclover.**

From Denmark. Seeds presented by the Universitetets Botaniske Have, Copenhagen. Received Dec. 29, 1950.

193289. *MELILOTUS SULCATA* Desf. Fabaceae.

193290. *MELILOTUS WOLGICA* Poir.

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*hypogaea* f. *nambyquarae*, 186280.  
*Araucaria excelsa*, 192969.  
*Argemone mexicana*, 186429.  
*Aristida* spp., 188923, 193266.  
*Aristolochia ringens*, 186484.  
*Arrhenatherum elatius*, 186791.  
*thorei*, 186281.  
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*Arundinaria anceps*, 189231.  
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*Aspalathus* sp., 188924.  
*Astragalus galegiformis*, 186282.  
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*Astronium balansae*, 190356.  
*Atriplex hortensis*, 188607.  
*Atropa belladonna*, 186637, 186945.  
*Attalea cohune*, 186103, 187121.  
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*Avena sativa*, 186265-186271, 186472-  
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*Axonopus* spp., 192934, 192935.  
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*rantia*.

- Bamboo. See *Arundinaria* spp., *Ochlandra travancorica*, *Sasa kurilensis*, *Sinarundinaria* spp.  
*falconer*. See *Thamnocalamus falconeri*.  
 Ningala. See *Chimonobambusa falcata*.  
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   six-rowed. See *H. vulgare* var. *coeleste*.  
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*Bauhinia* sp., 188692.  
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*Begonia* sp., 189575.  
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*Benincasa hispida*, 188693.  
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*Berria quinquelocularis*, 190359.  
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*Beta vulgaris*, 190218, 190219.  
*Betula platyphylla* var. *szechuanica*, 190607-190609.  
*Bignonia radicans*, 190443.  
   sp., 188557.  
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*Biserrula pelecinus*, 186284.  
*Bixa orellana*, 188801, 190886.  
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   Sandberg. See *P. secunda*.  
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*Boehmeria nipononivea*, 187203.  
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*Boscia albitrunca*, 188996.  
*Bossiaea buxifolia*, 186285.  
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*Bouteloua curtipendula*, 186792-186812, 187798-187815, 190060-190067.  
   *gracilis*, 186813, 188191.  
*Brachiaria nigropedata*, 188925.  
*Brachypodium phoenicoides*, 186288.  
*Brassavola cucullata*, 190043.  
   *nodosa*, 190013.  
   sp., 190014.  
*Brassia* sp., 190048.  
*Brassica hirta*, 192970, 193004.  
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   *oleracea* var. *botrytis*, 187226-187228, 188560-188562, 189028, 190220, 190221.  
   *oleracea* var. *capitata*, 187229-187232, 189029, 190222.  
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   sp. 187233.  
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   smooth. See *B. inermis*.  
*Bromelia* sp., 192973.  
*Bromus carinatus*, 186289, 186814.  
   *catharticus*, 187000, 189612, 193144.  
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*Butia capitata*, 190361.  
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*Caesalpinia coriaria*, 189442.  
   *pulcherrima*, 188802.  
   *sepiaria*, 189037.  
   *spinosa*, 190464.  
*Cajanus cajan*, 186476, 189309, 190180.  
*Calamus* sp., 187191.  
*Camelina sativa*, 192971, 193005.  
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   *sinensis*, 190519.  
*Canarium odoratum*, 187067.  
*Canarium indicum*, 190860.  
*Canavalia ensiformis*, 189009, 190863, 192975.  
   *maritima*, 190362.  
*Canna* sp., 188873.  
*Capsicum frutescens*, 187313-187335, 188471-188480, 188803, 188804, 189038, 189249-189252, 189549, 189550.  
   *pendulum*, 188481-188483.  
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*Carica papaya* 186442, 186443, 188685, 190638.  
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   *hirsuta*, 189040.  
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   *mimosoides*, 186170.  
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   *mollissima*, 187149, 188468.  
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   *pileatum*, 190002.  
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*Cattleya dowiana*, 189980.  
   *gastelliana*, 189978.  
   *lueddemanniana*, 189981-189985.  
   *mossiae*, 189973-189976.  
   *percivaliana*, 189977.  
   *skinneri*, 189979.  
   spp., 189986, 190038.  
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*Cenchrus pilosus*, 188888.  
*Centrosema pubescens*, 190864.  
   spp., 188879, 188880.  
*Ceratonia siliqua*, 187063, 189008, 189126, 189556, 193286.  
*Cercis*, 186234-186236.  
*Chaeturus fasciculatus*, 186298.  
*Chenopodium pallidicaule*, 189720.  
   *quinoa*, 188973, 189417, 189474, 189721-189726, 190107, 190108, 193198.  
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   hairy. See *C. mollissima*.  
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*Chimonobambusa falcata*, 189232.  
*Chloris gayana*, 189310, 189311, 189540.  
   *virgata*, 190303.  
   spp., 189312, 190589.  
*Chlorophytum* spp., 186431, 186432.  
*Chrysanthemum*, 187287-187291.  
   *carinatum*, 186951.  
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   *corymbosum*, 186953.  
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   *maximum*, 187074.  
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   *myconis*, 187075.  
   *nivellei*, 186955.  
   *viscosum*, 187076.  
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*Cicer arietinum*, 189543, 193114.  
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*Citrullus naudinianus*, 190304.  
   *vulgaris*, 186489, 186490, 186974, 188805, 188832-188834, 189225, 189226, 189316-189318, 190050, 190224, 192937, 192938.  
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   *sinensis*, 189260, 189586-189608.  
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   *minor*, 190431.  
*Clethra alnifolia*, 190213.  
*Clitoria ternatea*, 190865.  
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   alsike. See *T. hybridum*.  
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   *liberica*, 190890.  
   spp., 190887, 193185.  
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*Coix lacryma-jobi*, 185827.  
*Cola* sp., 187044.  
*Colocasia* sp., 190420.  
*Colubrina asiatica*, 190368.  
*Copernicia sueroana*, 190369.  
   *yarey* var. *robusta*, 190370.  
*Corchorus capsularis*, 187292-187294, 189042, 189313, 190452, 190453.  
   *olitorius*, 186485, 187295, 188806.  
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*Coronilla scorpiodes*, 186299.  
*Costus* sp., 186433.  
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*Crambe abyssinica*, 189139.  
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*Crepis nemetzii*, 190904.  
*Crinum purpurascens*, 186105.  
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     *clusii*, 189112.  
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*Crotalaria agatiflora*, 192954.  
     *grantiana*, 190866.  
     *incana*, 190422, 192955.  
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     spp., 186444, 186446, 187028,  
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     *sativus*, 188749, 188807, 188848,  
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     *maxima*, 190228, 190229.  
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         192942.  
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*Cudrania javanensis*, 190372.  
*Cupressus sempervirens*, 190175.  
     *torulosa*, 190176.  
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*Cyamopsis tetragonoloba*, 186305,  
     186477, 190871.  
*Cynoches chlorochilon*, 190000,  
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*Cydonia oblonga*, 189030.  
*Cymbopogon citratus*, 193183.  
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*Cynodon dactylon*, 188739, 193267.  
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*Cyrtopodium* sp., 189990.  
*Dactylis aschersoniana*, 190092,  
     190128.  
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*Dalbergia lanceolaria*, 190373.  
     *latifolia*, 190424.  
*Danthonia cirrhata*, 186960.  
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*Datura ferox*, 190594.  
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*Desmanthus illinoensis*, 188240-188245.  
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*Desmodium discolor*, 186310.  
     *distortum*, 188559, 189381.  
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*Diacrium* sp., 190017.  
*Dianthus*, 188758-188787.  
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     *uniglumis* var. *major*, 189035.  
     sp., 190308.  
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     *pallens*, 189510.  
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*Echinochloa crus-gallii*, 189611.

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*Fabiana imbricata*, 192886.

*Fagopyrum esculentum*, 186517,  
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*Grewia cana*, 188930.  
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*Hippeastrum* sp., 189475.  
*Hodgsonia heteroclita*, 186441.  
*Holarrhena antidysenterica*, 190384, 190385.  
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*Masdevallia* sp., 189995.

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*Mimosa tenuiflora*, 190398.

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     *australis*, 190635, 192928.  
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*calycina*.

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*Voandzeia subterranea*, 188699, 188700,

188736, 189005, 189105-189108.

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Waxgourd. See *Benincasa hispida*.

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Wheat. See *Triticum* spp.

common. See *T. aestivum*.

*durum*. See *T. durum*.

Wheatgrass, crested. See *Agropyron*

*cristatum*.

intermediate. See *A. interme-*

*dium*.

slender. See *A. trachycaulum*.

tall. See *A. elongatum*.

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Plant Inventory No. 159

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., April 1957



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PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1951  
(NOS. 193291 TO 198914)

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This inventory, No. 159, lists the plant material (Nos. 193291 to 198914) received by the Plant Introduction Section, Horticultural Crops Research Branch, Agricultural Research Service, during the period from January 1 to December 31, 1951. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

PAUL G. RUSSELL,  
*Botanist.*

*Plant Industry Station,  
Beltsville, Md.*



## INVENTORY

### 193291 to 193295.

From Yugoslavia. Seeds presented by Dr. Alois Tavcar, Agricultural Institute, Zagreb. Received Jan. 2, 1951.

- |  |                    |
|--|--------------------|
| 193291. <i>MEDICAGO SATIVA</i> L. Fabaceae.      | Alfalfa.           |
| 193292. <i>MELILOTUS ALBA</i> Desr. Fabaceae.    | White sweetclover. |
| 192293. <i>TRIFOLIUM INCARNATUM</i> L. Fabaceae. | Crimson clover.    |
| 193294 and 193295. <i>TRIFOLIUM PRATENSE</i> L.  | Red clover.        |

193294. I.

193295. II.

### 193296. CITRUS. Rutaceae.

From Ceylon. Cuttings presented by the Director of Agriculture, Peradeniya. Received Jan. 2, 1951.

*Bibile*. Seedless sweet orange.

### 193297 to 193300. SACCHARUM. Poaceae. Sugarcane.

From Colombia. Cuttings presented by the Agricultural Experiment Station, Palmira, Valle. Received Jan. 2, 1951.

- |                             |                             |
|-----------------------------|-----------------------------|
| 193297. <i>EPC 38-151</i> . | 193299. <i>EPC 38-167</i> . |
| 193298. <i>EPC 38-157</i> . | 193300. <i>EPC 38-304</i> . |

### 193301 to 193303. GOSSYPIUM. Malvaceae. Cotton.

From Brazil. Seeds presented by the Agricultural Institute, Campinas, São Paulo. Received Jan. 3, 1951.

193301. *I. A. Campinas 817*.  
 193302. *I. A. 7111-028*.  
 193303. *I. A. 7387*.

### 193304 to 193309. VITIS VINIFERA L. Vitaceae. European grape.

From Belgium. Cuttings presented by the Ministry of Agriculture, Brussels. Received Jan. 4, 1951.

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| 193304. <i>Cannon Hall</i> .      | 193307. <i>L. III</i> .             |
| 193305. <i>Frankenthol</i> .      | 193308. <i>Muscat Alexanderie</i> . |
| 193306. <i>Gros Colman Noir</i> . | 193309. <i>Royal E</i> .            |

### 193310. MELILOTUS NEAPOLITANA Ten. Fabaceae. Sweetclover.

From the Netherlands. Seeds presented by the Botanical Garden, Leiden. Received Jan. 4, 1951.

### 193311 to 193321. SACCHARUM. Poaceae. Sugarcane.

From Colombia. Cuttings presented by an unknown donor, Calle. Received Jan. 12, 1951.

- |   |   |
|---|---|
| 193311. <i>EPC 37 (24) × EPC 38.151</i> . | 193317. <i>EPC 37 (24) × EPC 38.157</i> . |
| 193312. <i>MC 103/37 × EPC 38.151</i> .   | 193318. <i>EPC 37 (24) × Pasoeroean</i> . |
| 193313. <i>EPC 47 (22) × EPC 38.304</i> . | 193319. <i>EPC 4722 × Pasoeroean</i> .    |
| 193314. <i>UBA × EPC 38.304</i> .         | 193320. <i>POJ 2725 × Pasoeroean</i> .    |
| 193315. <i>MC 103/37 × EPC 38.304</i> .   | 193321. <i>MC 103/37 × Pasoeroean</i> .   |
| 193316. <i>EPC 37 (24) × EPC 38.304</i> . |   |

**193322 to 193336. EHRHARTA spp. Poaceae.**

From the Union of South Africa. Seeds collected by L. C. C. Liebenberg, South African Department of Agriculture, Pretoria, Transvaal. Received Jan. 5, 1951.

Collected in Cape Province.

**193322 to 193332. EHRHARTA CALYCINA J. E. Smith. Perennial veldtgrass.**

193322. Victoria.

193327. De Wet Station.

193323. Riversdale.

193328. Citrusdal.

193324. Darling.

193329. Mitchell's Pass, Ceres.

193325. Oakdale School, Riversdale.

193330. Piketberg.

193326. Botha's Halt, Worcester District.

193331. Stellenbosch.

193332. Paarl-Malmesbury Road.

**193333. EHRHARTA sp.**

Hek River, Worcester.

**193334. EHRHARTA sp.**

Worcester.

**193335. EHRHARTA sp.**

George.

**193336. EHRHARTA ERECTA Lam.**

Knysna.

**193337. TRIFOLIUM PRATENSE L. Fabaceae.**

**Red clover.**

From Canada. Seeds presented by the Alberta Seed Growers Association, Edmonton, Alberta. Received Jan. 8, 1951.

*Canadian Common.*

**193338 to 193347. VIGNA SINENSIS (Torner) Savi. Fabaceae.**

**Cowpea.**

From the Union of South Africa. Seeds obtained through the American Embassy, Pretoria, Transvaal. Received Jan. 8, 1951.

193338. No. 1.

193343. No. 6.

193339. No. 2.

193344. No. 7.

193340. No. 3.

193345. No. 8.

193341. No. 4.

193346. No. 9.

193342. No. 5.

193347. No. 10.

**193348. TRIFOLIUM PRATENSE L. Fabaceae.**

**Red clover.**

From Canada. Seeds presented by the Briggs Seed Company, Toronto. Received Jan. 9, 1951.

*Canadian Common.*

**193349 to 193351. SANSEVIERIA spp. Liliaceae.**

From Kenya. Seeds presented by Peter R. O. Bally, Coryndon Museum, Nairobi. Received Jan. 9, 1951.

193349. SANSEVIERIA SINGULARIS N.E. Br.

193350. SANSEVIERIA sp.

193351. SANSEVIERIA sp.

**193352. CALOPHYLLUM INOPHYLLUM L. Clusiaceae.**

From Guam. Seeds presented by F. B. Leon Guerrero, Washington, D. C. Received Jan. 10, 1951.

**193353. VERATRUM VIRIDE Ait. Liliaceae.**

From Maine. Seeds presented by Herbert L. Hobbs, Springvale. Received Jan. 11, 1951.

Originally from North Jay, Maine.

**193354. PRUNUS PERSICA (L.) Batsch. Amygdalaceae. Peach.**

From Ethiopia. Seeds presented by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 15, 1951.

From Haramai.

**193355 and 193356. ALLIUM spp. Liliaceae.**

From Ethiopia. Bulbs collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 11, 1951.

From the market, Addis Ababa. Oct. 11, 1950.

**193355. ALLIUM SATIVUM L.**

Garlic.

No. I 8560.

**193356. ALLIUM CEPA L.**

Onion.

No. I 8566. A red onion.

**193357. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From Australia. Seeds presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Jan. 11, 1951.

*Tatinter.*

**193358 to 193375.**

From the United States. Seeds collected by H. S. Gentry and E. C. Ogden, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 11, 1951.

Collected in 1950.

**193358. AGAVE GRACILIPES Trel. Amaryllidaceae.**

No. 9901. Guadelupe Mountains, Tex. Oct. 26.

**193359. AGAVE LECHEGUILLA Torr.**

No. 9881. Rio Pecos, Tex. Oct. 20.

**193360 and 193361. AGAVE PARRYI Engelm.**

193360. No. 9884. Davis Mountains, Tex. Oct. 25.

193361. No. 10019. Seneca, Ariz. Dec. 4.

**193362. AGAVE PARVIFLORA Torr.**

No. 10031. Ruby, Ariz. Dec. 19.

**193363 and 193364. AGAVE SCHOTTII Engelm.**

193363. No. 10030. Catalina Mountains, Ariz. Dec. 19.

193364. No. 10018. Peloncillo Mountains, Ariz. Dec. 4.

**193365. AGAVE sp.**

No. 9950. Harquahala Mountains, Ariz. Nov. 14.

**193366. AGAVE UTAHENSIS Engelm.**

No. 9969. 32 miles east of Kingman, Ariz. Nov. 17.

**193367. DASYLIRION sp. Liliaceae.**

No. 9871. From near Comstock, Tex. Oct. 20.

**193358 to 193375.—Continued**

**193368 and 193369.** *DASYLIRION WHEELERI* S. Wats.

193368. No. 9929. From Sonoita, Ariz. Nov. 5.

193369. No. 10013. From the southern end of the Pyramid Mountains, N. Mex. Dec. 2.

**193370.** *ENCELIA FRUTESCENS* A. Gray. Asteraceae.

No. 9999. From the Salt River Gorge, Ariz. Dec. 1.

**193371.** *HELIANTHUS* sp. Asteraceae.

No. 9851. From near Riviera, Tex. Oct. 17.

**193372.** *HESPERALOE FUNIFERA* Trel. Liliaceae.

No. 10029. From Baboquivari, Ariz. Dec. 19.

**193373.** *NOLINA BIGELOVII* (Torr.) S. Wats. Liliaceae.

No. 9959. From 11 miles north of Alamo, Tex. Nov. 14.

**193374.** *YUCCA* sp. Liliaceae.

No. 9870. From Comstock, Tex. Oct. 20.

**193375.** (Undetermined.)

No. 9857. From Riviera, Tex. Oct. 17.

**193376 and 193377.** *GIRARDINIA PALMATA* Gaud. Urticaceae.

From India. Seeds presented by Ramdatt Chilkoti, Pithoragarh, United Provinces. Received Jan. 11, 1951.

193376. A.

193377. B.

**193378 and 193379.** *CITRUS* spp. Rutaceae.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 12, 1951.

193378. *CITRUS RETICULATA* Blanco.

Mandarin orange.

Market, Diredawa. A cultivated tangerine. October 1950.

193379. *CITRUS SINENSIS* (L.) Osbeck.

Orange.

Market, Haramai. October 1950.

**193380 and 193381.** *ZOYSIA JAPONICA* Steud. Poaceae.

From Japan. Seeds obtained from Yokohama through Albert Sander, San Francisco, Calif. Received Jan. 15, 1951.

193380. *No-Shiba*. 1949 crop.

193381. *No-Shiba*. 1950 crop.

**193382 to 193391.** *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Pakistan and Syria. Seeds collected by S. S. Easter, Food and Agriculture Organization, United Nations. Received Jan. 15, 1951.

193382 to 193389. From Pakistan.

193382. Baluchistan.

193383. Bahawalpur State.

193384. Punjab.

193385. Sakrand Experiment Station, Sakrand.

**193382 to 193391.—Continued****193382 to 193389.—Continued****193386.** Baluchistan.**193387.** Bahawalpur State.**193388.** Punjab.**193389.** Sakrand Experiment Station, Sakrand.**193390.** South of Damascus, Horan District, Syria.**193391.** Aleppo District, Syria.**193392 to 193394. MELILOTUS spp. Fabaceae. Sweetclover.**

From Malta. Seeds presented by Charles Penza, Floriana. Received Jan. 15, 1951.

**193392.** MELILOTUS ELEGANS Salzm.**193393.** MELILOTUS ITALICA (L.) Lam.**193394.** MELILOTUS MESSANENSIS (L.) All.**193395. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From England. Seeds presented by the Ministry of Agriculture, London. Received Jan. 15, 1951.

*Suffolk Broad.***193396. HORDEUM VULGARE L. Poaceae. Common barley.**

From Finland. Seeds presented by the Keskusosuusliike Hankkija, Helsinki. Received Jan. 16, 1951.

**193397 and 193398. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Jan. 16, 1951.

**193397.** *Manhardy.***193398.** *Ottawa.***193399 to 193422. LYCOPERSICON spp. Solanaceae.**

From Ohio. Breeding stocks held at the Agricultural Experiment Station, Wooster. Numbered Jan. 16, 1951.

**193399 to 193405. LYCOPERSICON ESCULENTUM Mill. Tomato.****193399.** *Mac A 706.***193403.** *Mac A 3213.***193400.** *Mac A 741.***193404.** *Lesley 597.***193401.** *Mac A 804.***193405.** *Lesley 698.***193402.** *Mac A 902.***193406. LYCOPERSICON PIMPINELLIFOLIUM (Jusl.) Mill.***Lesley 992.***193407. LYCOPERSICON ESCULENTUM Mill. Tomato.***Lesley 1040.***193408. LYCOPERSICON PIMPINELLIFOLIUM (Jusl.) Mill.**

4n seeds from Purdue.

**193409 to 193421. LYCOPERSICON ESCULENTUM Mill. Tomato.****193409.** *Lind 2391-2.***193411.** *Lind 2393-5.***193410.** *Lind 2392-2.***193412.** *Lind 2394-2.*

**193399 to 193422.—Continued****193409 to 193421.—Continued**193413. *Lesley's dn T 160D.*193418. *P. A. Young T 738.*193414. *Lesley's dn T 160D.*193419. *P. A. Young G 1074a.*193415. *Pennorange E 160A.*193420. *P. A. Young Y 1105.*193416. *P. A. Young T 328.*193421. *P. A. Young G 1112.*193417. *P. A. Young T 560.***193422. LYCOPERSICON.**

*Michigan State Forcing* × *Lycopersicon peruvianum* (P.I. 128657).  
Hybrid made by Paul Smith, University of California, Davis, Calif. Culture of embryos.

**193423 to 193438. ZEA MAYS L. Poaceae.****Corn.**

From Israel. Seeds presented by A. Shlomi, Government Agricultural Experiment Station, Neveh-Yaar, Haifa. Received Jan. 16, 1951.

193423. Cherkes O. P.

193424. Hungary M. O. P. Late yellow dent.

193425. Hungary M. O. P. Late yellow dent.

193426. Hungary M. O. P. *Mendszent Puszta 09.* Yellow dent.193427. Hungary M. O. P. *Pettend 07.* Yellow dent.193428. Hungary M. O. P. *"F" 06.* Yellow dent.193429. Hungary M. O. P. *Precoce de Baukut 02.* Yellow dent.193430. Hungary M. O. P. *Pusyakajmad 08.* Yellow dent.193431. Hungary M. O. P. *Majloth 04.*193432. Hungary M. O. P. *Mesterhazy 010.*193433. Rumania O. P. *Ciocantin.*193434. Rumania O. P. *De Arios.*

193435. Rumania O. P. Flint corn.

193436. Rumania O. P. *Saulescu.* (Hybrid.)193437. Rumania O. P. *Portacaliu.* (Orange.)193438. Rumania M. O. P. *I.C.A.R. 54.***193439. ASTREBLA LAPPACEA (Lindl.) Domin. Poaceae.**

From Australia. Seeds presented by the University of Sydney, Sydney, New South Wales. Received Jan. 17, 1951.

**193440. FRAGARIA. Rosaceae.****Strawberry.**

From England. Plants presented by the Society of Brothers, Bromdon, Shropshire. Received Jan. 17, 1951.

**193441. STROPHANTHUS EMINII Aschers. & Pax. Apocynaceae.**

From Kenya. Seeds presented by P. J. Greenway, East African Herbarium, Nairobi. Received Jan. 18, 1951.

**193442 and 193443. SANSEVIERIA spp. Liliaceae.**

From Ethiopia. Suckers collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 18, 1951.

Diredawa. Oct. 28, 1950.



**193442 and 193443.—Continued**193442. *SANSEVIERIA* sp.

No. 8678.

193443. *SANSEVIERIA* sp.

No. 8679.

**193444 and 193445.**

From Australia. Seeds presented by A. M. Stewart, University of Western Australia, Perth, Western Australia. Received Jan. 23, 1951.

193444. *CENCHRUS SETIGERUS* Vahl. Poaceae.*Birdwood Grass.*193445. *PENNISSETUM CILIARE* (L.) Link. Poaceae.**Buffelgrass.****193446. *VELLOZIA PHANTASMAGORICA* R. E. Schultes. Velloziaceae.**

From Colombia. Seeds collected by Richard E. Schultes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 23, 1951.

Sandstone Mountains, San José del Guaviare, Vaupés.

**193447 and 193448. *AVENA SATIVA* L. Poaceae.****Oats.**

From Scotland. Seeds presented by the Scottish Society for Research in Plant Breeding. Received Jan. 23, 1951.

193447. *Craigs Afterlea*.193448. *Rothenburg*.**193449. *YUCCA GLORIOSA* L. Liliaceae.**

From Georgia. Plants growing at the United States Plant Introduction Garden, Savannah. Numbered Jan. 24, 1951.

Collected by Dr. Wilbur H. Duncan on Tybee Island, Chatham County, Ga.

**193450 to 193658.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 18, 1951.

Collected in 1950 from the market in Addis Ababa, except where otherwise noted.

193450 and 193451. *ALLIUM PORRUM* L. Liliaceae.**Leek.**193450. No. 8516. *Elefant*.193451. No. 8529. *Winter*.193452. *ALTHAEA ROSEA* (L.) Cav. Malvaceae.**Hollyhock.**

No. 8514.

193453. *ANETHUM GRAVEOLENS* L. Apiaceae.**Dill.**

No. 8533.

193454. *APIUM GRAVEOLENS* L. Apiaceae.**Celery.**

No. 8485.

193455. *ARACHIS HYPOGAEA* L. Fabaceae.**Peanut.**

No. 8502.

193456. *AVENA* sp. Poaceae.

No. 8524.

## 193450 to 193658.—Continued

- 193457 and 193458. *BETA VULGARIS* L. Chenopodiaceae. Beet.  
 193457. No. 8488. *Rote Rube*.  
 193458. No. 8525.
- 193459 and 193460. *BRASSICA NIGRA* (L.) Koch. Brassicaceae. Black mustard.  
 193459. No. 8719. *Goman*.  
 193460. No. 8731. Market, Harar, Harar.
193461. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Cauliflower.  
 No. 8537. *Erfurter Zweig*.
- 193462 and 193463. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.  
 193462. No. 8490. *Amager*.  
 193463. No. 8536. *Rotkraut*.
193464. *BRASSICA OLERACEA* var. *GEMMIFERA* DC. Brussels sprouts.  
 No. 8495. *Sprossenkohl*.
- 193465 and 193466. *BRASSICA OLERACEA* var. *GONGYLODES* L. Kohlrabi.  
 193465. No. 8484.  
 193466. No. 8538.
193467. *BRASSICA* sp.  
 No. 8574.
- 193468 to 193472. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.  
 193468. No. 8527. *Paprika*. 193471. No. 8606.  
 193469. No. 8528. *Paprika Neusiedler*. 193472. No. 8730.  
 193470. No. 8605. *Berberri*.
- 193473 to 193475. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.  
 193473. No. 8595. *Suff*.  
 193474. No. 8723.  
 193475. No. 8743.
193476. *AMMI COPTICUM* L. Apiaceae.  
 No. 8598. White cumin.
193477. *CHRYSANTHEMUM SEGETUM* L. Asteraceae.  
 No. 8607. Raz Hotel. Plant 2 feet high; flowers yellow; profuse bloomer.
- 193478 to 193488. *CICER ARIETINUM* L. Fabaceae. Chickpea.  
 193478. No. 8554. 193484. No. 8592.  
 193479. No. 8559. 193485. No. 8708. Market, Diredawa.  
 193480. No. 8562. 193486. No. 8722. Market, Diredawa.  
 193481. No. 8564. 193487. No. 8746. Market, Harar.  
 193482. No. 8573. 193488. No. 8752. Market, Harar.  
 193483. No. 8582.
193489. *LACTUCA SATIVA* L. Cichoriaceae. Lettuce.  
 No. 8526. French summer variety.
193490. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
 No. 8501. *Anguria a Seme Nero*.

## 193450 to 193658.—Continued

193491. *COFFEA* sp. Rubiaceae. Coffee.  
No. 8760. Market, Harar, Harar.
- 193492 and 193493. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.  
193492. No. 8601. Oct. 11, 1950.  
193493. No. 8688. Market, Diredawa. October 1950.
193494. *COSMOS BIPINNATUS* Cav. Asteraceae.  
No. 8609. Raz Hotel.
193495. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.  
No. 8500. *Popone*.
- 193496 and 193497. *CUCUMIS SATIVUS* L. Cucumber.  
193496. No. 8515.  
193497. No. 8532. *Elsgruber Znainer*.
193498. *CUCUMIS DIPSACEUS* Ehrenb.  
No. 8668. Ogaden region, near Walwal.
193499. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.  
No. 8698. Market, Diredawa.
193500. *CUCURBITA MOSCHATA* Duchesne. Cushaw.  
No. 8751. Market, Harar.
- 193501 to 193503. *CUCURBITA PEPO* L. Pumpkin.  
193501. No. 8493.  
193502. No. 8539. *Zierkurbis*.  
193503. No. 8597.
- 193504 to 193506. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
193504. No. 8486. *Nantaise*.  
193505. No. 8694. *Lange Spate*.  
193506. No. 8498. *Long Red*.
193507. *DOVYALIS ABYSSINICA* (A. Rich.) Warb. Flacourtiaceae.  
No. 8685. Market, Diredawa.
- 193508 to 193514. *ERAGROSTIS TEF* (Zuccagni) Trotter. Poaceae. Teff.  
193508. No. 8587. *Red*. 193512. No. 8733. Market, Harar.  
193509. No. 8588. *White*. 193513. No. 8756. Market, Harar.  
193510. No. 8590. 193514. No. 8757. Market, Harar.  
193511. No. 8728. Market, Diredawa.
193515. *BARBAREA* sp. Brassicaceae.  
No. 8662.
- 193516 and 193517. *GOSSYPIUM*. Malvaceae. Cotton.  
193516. No. 8557.  
193517. No. 8707. Market, Diredawa.
193518. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.  
No. 8596.

## 193450 to 193658.—Continued

- 193519 to 193541. *HORDEUM* spp. Poaceae. Barley.
- 193519 to 193523. *HORDEUM VULGARE* L. Common barley.
193519. No. 8545. 193522. No. 8551.
193520. No. 8546. 193523. No. 8577.
193521. No. 8547.
193524. *HORDEUM DEFICIENS* Steud. Deficient barley.
- No. 8578.
193525. *HORDEUM DISTICHON* L.
- No. 8599.
- 193526 to 193536. *HORDEUM VULGARE* L. Common barley.
193526. No. 8603.
193527. No. 8612.
- 193528 to 193536. Market, Diredawa.
193528. No. 8689. 193533. No. 8703.
193529. No. 8690. 193534. No. 8704.
193530. No. 8700. 193535. No. 8705.
193531. No. 8701. 193536. No. 8706.
193532. No. 8702.
193537. *HORDEUM DEFICIENS* Steud. Deficient barley.
- No. 8710. Market, Diredawa.
- 193538 to 193541. *HORDEUM VULGARE* L. Common barley.
193538. No. 8738. Market, Harar.
193539. No. 8739. Market, Harar.
193540. No. 8740. Market, Harar.
193541. No. 8764. Market, Addis Ababa, Diredawa, Harar.
- 193542 and 193543. *LACTUCA SATIVA* L. Cichoriaceae. Lettuce.
193542. No. 8487. *Schnittsalat*.
193543. No. 8489. *Kopfsalat*.
193544. *LATHYRUS SATIVUS* L. Fabaceae. Bittervetch.
- No. 8581. *Guaya*.
- 193545 to 193550. *LENS CULINARIS* Medic. Fabaceae. Lentil.
193545. No. 8504. Seeds dark brown. Store, Addis Ababa.
193546. No. 8507. Seeds brown and black. Store, Addis Ababa. Oct. 6.
193547. No. 8579. Seeds brown.
193548. No. 8589. Seeds black.
193549. No. 8726. Market, Diredawa.
193550. No. 8744. Market, Harar.
- 193551 to 193554. *LINUM USITATISSIMUM* L. Linaceae. Flax.
193551. No. 8593. Used for oil.
193552. No. 8594. White flax.
193553. No. 8724. Market, Diredawa.
193554. No. 8758. Market, Harar, Harar.

## 193450 to 193658.—Continued

- 193555 to 193557. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 193555. No. 8492. *Bonnie Best*.  
 193556. No. 8531. *Paradeiser*.  
 193557. No. 8687. Diredawa.
193558. *MEDICAGO HISPIDA* Gaertn. Fabaceae. Burclover.  
 No. 8513. Garden.
193559. *MILLETTIA FERRUGINEA* (Hochst.) Baker. Fabaceae.  
 No. 8665. Cultivated tree.
193560. *NICOTIANA TABACUM* L. Solanaceae. Tobacco.  
 No. 8610. Garden, Raz Hotel.
193561. *NIGELLA SATIVA* L. Ranunculaceae. Black cumin.  
 No. 8600.
193562. *PARKINSONIA ACULEATA* L. Caesalpiniaceae.  
 No. 8674. Market, Diredawa.
- 193563 and 193564. *APIUM GRAVEOLENS* L. Apiaceae. Celery.  
 193563. No. 8517.  
 193564. No. 8534.
193565. *PETROSELINUM CRISPUM* (Mill.) Nym. Apiaceae. Parsley.  
 No. 8491.
- 193566 to 193576. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
 193566. No. 8496. *French Kidney Wax*.  
 193567. No. 8503. Seeds pale brown.  
 193568. No. 8505. Seeds white.  
 193569. No. 8506. Seeds white.  
 193570. No. 8509. Seeds brown, black stripe.  
 193571. No. 8510. Seeds pale brown, red marks.  
 193572. No. 8542.  
 193573. No. 8543. Seeds pale brown to nearly black.  
 193574. No. 8583. Seeds white.  
 193575. No. 8729. Seeds white. Diredawa.  
 193576. No. 8762. Mixed varieties.
193577. *PHYSALIS PERUVIANA* L. Solanaceae. Peruvian groundcherry.  
 No. 8615. Grounds of American Legation.
- 193578 to 193591. *PISUM SATIVUM* L. Fabaceae. Pea.  
 193578. No. 8508. Store, Addis Ababa.  
 193579. No. 8548.  
 193580. No. 8549.  
 193581. No. 8561. Mixed varieties.  
 193582. No. 8565. Seeds white.  
 193583. No. 8569. Mixed varieties.  
 193584. No. 8696.  
 193585. No. 8697. Market, Diredawa.

## 193450 to 193658.—Continued

## 193578 to 193591.—Continued

193586. No. 8720. Market, Diredawa.

193587. No. 8727. Market, Diredawa.

193588. No. 8734. Market, Harar.

193589. No. 8735. Market, Harar.

193590. No. 8736. Market, Harar.

193591. No. 8761. Mixed varieties. Addis Ababa, Diredawa, and Harar.

193592. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

No. 8530.

193593 to 193596. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castorbean.

193593. No. 8512. *Gulo*. Park.

193594. No. 8717. Market, Diredawa.

193595. No. 8750. Market, Harar.

193596. No. 8759. Grounds, American Legation.

193597. *RUMEX ABYSSINICUS* Jacq. Polygonaceae.

No. 8626. Hollata.

193598. *SOPHORA* sp. Fabaceae.

No. 8673. Diredawa.

193599. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

No. 8499. *Long Violet*.193600 to 193617. *SORGHUM VULGARE* Pers. Poaceae.

193600 to 193603. Seeds red.

193600. No. 8558.

193602. No. 8584.

193601. No. 8576.

193603. No. 8585.

193604 to 193612. From the market, Diredawa.

193604. No. 8693.

193609. No. 8714.

193605. No. 8694.

193610. No. 8715.

193606. No. 8695.

193611. No. 8716.

193607. No. 8712.

193612. No. 8721.

193608. No. 8713.

193613 to 193617. From the market, Harar.

193613. No. 8742.

193616. No. 8749.

193614. No. 8747.

193617. No. 8755.

193615. No. 8748.

193618 to 193620. *SPINACIA OLERACEA* L. Chenopodiaceae.

Spinach.

193618. No. 8497.

193619. No. 8535. *Victoria*.193620. No. 8541. *Matador*.193621. *TAGETES ERECTA* L. Asteraceae.

Marigold.

No. 8608. Raz Hotel. A hybrid between a double yellow variety and a double deep-orange variety.

## 193450 to 193658.—Continued

193622 to 193640. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

Collected by P. Fellows.

193622. No. 8518. Shoa Province.

193623 to 193626. Province unknown.

193623. No. 8519.

193625. No. 8521.

193624. No. 8520.

193626. No. 8522.

193627. No. 8550.

193628. No. 8552.

193629. No. 8556.

193630. No. 8563.

193631. No. 8567.

193632. No. 8570.

193633. No. 8571.

193634. No. 8602.

193635. No. 8604.

193636 to 193640. Harar Province.

193636. No. 8737. Harar.

193639. No. 8709. Dire-dawa.

193637. No. 8741. Harar.

193640. No. 8711. Dire-dawa.

193638. No. 8691. Dire-dawa.

193641 to 193644. *TRITICUM DICOCCUM* Schrank. Poaceae. Emmer.

193641. No. 8555.

193643. No. 8591.

193642. No. 8568.

193644. No. 8732. Harar.

193645 and 193646. *TROPAEOLUM MAJUS* L. Tropaeolaceae. Common nasturtium.

193645. No. 8540.

193646. No. 8611. American Legation grounds. Climber, 5 feet tall, with dense foliage.

193647 to 193650. *VICIA FABA* L. Fabaceae. Broadbean.

193647. No. 8580.

193649. No. 8718. Dire-dawa.

193648. No. 8586.

193650. No. 8745. Harar.

193651. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.  
No. 8725. Dire-dawa.193652 to 193658. *ZEA MAYS* L. Poaceae. Corn.

193652. No. 8692. Dire-dawa.

193656. No. 8553.

193653. No. 8753. Harar.

193657. No. 8572.

193654. No. 8754. Harar.

193658. No. 8575.

193655. No. 8544.

193659. *YUCCA FILAMENTOSA* L. Liliaceae.

From Georgia. Plants growing at the United States Plant Introduction Garden, Savannah. Numbered Feb. 1, 1951.

Originally presented by R. K. Godfrey, Department of Botany, North Carolina State College, Raleigh, N. C.

**193660 to 193672.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 22, 1951.

Collected in 1950.

**193660 to 193662.** *ALLIUM CEPA* L. Liliaceae.

**Onion.**

193660. No. 8904. Market, Addis Ababa. Nov. 21. (Bulbs.)

193661. No. 9023. Market, Bishoftu. Dec. 2. (Bulbs.)

193662. No. 9024. Market, Bishoftu. Dec. 2. (Bulbs.)

**193663 to 193665.** *ALLIUM SATIVUM* L.

**Garlic.**

193663. No. 8906. Market, Addis Ababa. Nov. 21. (Bulbs.)

193664. No. 9025. Bishoftu. Dec. 2. (Bulbs.)

193665. No. 9026. Bishoftu. Dec. 2. (Bulbs.)

**193666.** *ALOE* sp. Liliaceae.

No. 9061. Blue Nile. Dec. 2. (Plant.)

**193667.** *GLADIOLUS* sp. Iridaceae.

No. 8867. Addis Ababa. Nov. 18. (Corms.)

**193668.** *MANGIFERA INDICA* L. Anacardiaceae.

**Mango.**

No. 8905. Market, Addis Ababa. Nov. 21. (Seeds.)

**193669.** *SOLANUM TUBEROSUM* L. Solanaceae.

**Potato.**

No. 8903. Market, Addis Ababa. Nov. 21. (Tubers.)

**193670 and 193671.** *ZINGIBER OFFICINALE* Roscoe. Zingiberaceae.

**Ginger.**

193670. No. 9041. Market, Bishoftu. Dec. 2. (Roots.)

193671. No. 8922. Market, Addis Ababa. Nov. 22. (Roots.)

**193672.** *CANNA* sp. Cannaceae.

No. 8866. Addis Ababa. Cultivated. Nov. 18. (Roots.)

**193673.** *VITIS VINIFERA* L. Vitaceae.

**European grape.**

From Denmark. Cuttings presented by Paul Jarnak, Hillerod. Received Jan. 22, 1951.

*Black Hambourgh.*

**193674 to 193686.**

From Belgium. Seeds presented by the Station de Recherches de l'Etat, Gembloux. Received Jan. 23, 1951.

**193674 to 193680.** *NICOTIANA RUSTICA* L. Solanaceae.

**Aztec tobacco.**

193674. *N. R. 286 Argentina.*

193678. *KO 11-P 55 Ecuador.*

193675. *Bakoum Nigra.*

193679. *Makorkha.*

193676. *Berzili.*

193680. *Zlag.*

193677. *Brasilia.*

**193681.** *VICIA CASSUBICA* L. Fabaceae.

**193682.** *VICIA HYBRIDA* L.

**193683.** *VICIA ONOBRYCHOIDES* L.

**193684 to 193686.** *VICIA SATIVA* L.

**Common vetch.**

193684. Received as *Vicia melanops*, considered a synonym.

193685. (No data.)

193686. Received as *Vicia cordata*, considered a synonym.



**193687 to 193703. PRUNUS MAHALEB L. Amygdalaceae.**  
**Mahaleb cherry.**

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Jan. 24, 1951.

Seedling selections of the following P. I. numbers:

193687. P. I. 124927.	193696. P. I. 126528.
193688. P. I. 124962.	193697. P. I. 126529.
193689. P. I. 124963.	193698. P. I. 133059.
193690. P. I. 124235.	193699. P. I. 133906.
193691. P. I. 125258.	193700. P. I. 134013.
163692. P. I. 125559.	193701. P. I. 134246.
193693. P. I. 125665.	193702. P. I. 134246.
193694. P. I. 125666.	193703. P. I. 134366.
193695. P. I. 125775.	

**193704 to 193709.**

From India. Plants collected by Dr. Walter Koelz, c/o United States Consul, Bombay. Received Jan. 24, 1951.

A collection of epiphytic orchids.

**193704. DENDROBIUM FALCONERI** Hook. Orchidaceae.

No. 11728.

**193705. DENDROBIUM DEVONIANUM** Paxt.

No. 11729.

**193706. THUNIA** sp. Orchidaceae.

No. 11730.

**193707. DENDROBIUM CREPIDATUM** Lindl. Orchidaceae.

No. 11731.

**193708. VANDA CAERULEA** Griff. Orchidaceae.

No. 11732.

**193709. SARCANTHUS RACEMIFER** (Lindl.) Reichb. f. Orchidaceae.

No. 11733.

**193710 to 193712.**

From the Union of South Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 24, 1951.

From Rooiberg, Thabazimbi, Transvaal.

**193710. CRINUM BUPHANIODES** Welw. Amaryllidaceae.

No. A-3.

**193711. EUCOMIS** sp. Liliaceae.

No. A-1.

**193712. SCILLA RIGIDIFOLIA** Kunth. Liliaceae.

No. A-2.

**193713 and 193714.**

From the Belgian Congo. Seeds presented by Ira M. Petersime, Petersime Incubator Co., Gettysburg, Ohio. Received Jan. 24, 1951.

**193713. STROPHANTHUS** sp. Apocynaceae.

**193714. STROPHANTHUS GARDENIFLORUS** Gilg.

**193715 to 193717. STROPHANTHUS spp. Apocynaceae.**

From Angola. Seeds presented by Dr. John Gossweiler, Luanda. Received Jan. 24, 1951.

193715. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

193716. *STROPHANTHUS INTERMEDIUS* Pax.

193717. *STROPHANTHUS WELWITSCHII* (Baill.) K. Schum.

**193718 and 193719. AVENA SATIVA L. Poaceae. Oats.**

From Sweden. Seeds presented by Dr. A. Akerman, Director, Plant Breeding Institute, Svalöf. Received Jan. 24, 1951.

193718. *Orion*.

193719. *Sirius*.

**193720. SACCHARUM. Poaceae. Sugarcane.**

From Colombia. Seeds presented by the Agricultural Experiment Station, Palmira, Valle. Received Jan. 25, 1951.

*POJ 2750 × Pasoeroean*.

**193721. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From Germany. Cuttings presented by the Max Planck Institute, Voldagsen über Elze. Received Jan. 24, 1951.

*Theissinger Seedling*.

**193722 to 193724. SACCHARUM. Poaceae. Sugarcane.**

From Tanganyika. Cuttings obtained from Amani by E. W. Brandes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 26, 1951.

193722. *Aegyptiacum*.

193723. *No. 1*.

193724. *No. 2*.

**193725. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.**

From Sweden. Seeds presented by Allmänna Svenska Utsadesaktiebolaget, Svalöf. Received Jan. 26, 1951.

**193726 to 193732.**

From Ireland. Seeds presented by J. P. Drew, Albert Agricultural College, Glasnevin, Dublin. Received Jan. 26, 1951.

**193726 to 193728. AVENA SATIVA L. Poaceae. Oats.**

193726. *Glasnevin Triumph*.

193727. *Glasnevin Potato*.

193728. *Star-Glasnevin Strain*.

**193729 to 193731. HORDEUM VULGARE L. Poaceae. Common barley.**

193729. *Kenia × Spratt Archer Kenia 6/3 No. 5*.

193730. *Spratt Archer Kenia 6/3 × Spratt Archer 37/3*.

193731. *Spratt Archer Kenia 22/2 × Spratt Kenia 6/3*.

**193732. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

*Atle × Fylgia*.

**193733. LATHYRUS CLYMENU M L. Fabaceae.**

From Italy. Seeds presented by Prof. Marino Gasparini, University of Florence, Florence. Received Jan. 29, 1951.

Originally from the Palermo Botanical Garden.

**193734 to 193746.**

From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Received Jan. 29, 1951.

193734. *ALYSICARPUS GLUMACEUS* DC. Fabaceae.

193735. *ASTRAGALUS VENOSUS* Hochst. Fabaceae.

193736. *INDIGOFERA* sp. Fabaceae.

Annual; flowers small and yellow.

193737. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn. Fabaceae.

193738. *MEDICAGO TRIBULOIDES* Desr. Fabaceae.

Prostrate habit.

193739. *MELINIS MINUTIFLORA* Beauv. Poaceae.

Molasses grass.

193740. *PUERARIA LOBATA* (Willd.) Ohwi. Fabaceae.

Kudzu.

Originally from India.

193741. *SORGHUM VULGARE* Pers. Poaceae.

193742. *TRIFOLIUM* sp. Fabaceae.

Clover.

193743. *TRIFOLIUM BASILEIANUM* Chiov.

193744. *TRIFOLIUM LUGARDII* Bullock.

193745. *TRIFOLIUM CRYPTOPODIUM* Steud.

193746. *VIGNA VEXILLATA* (L.) Rich. Fabaceae.

**193747 to 193749. GOSSYPIUM. Malvaceae.**

Cotton.

From Brazil. Seeds presented by the Department of Vegetable Production, Campinas. Received Feb. 2, 1951.

193747. *I.A. Campinas 817.*

193748. *I.A. 7111-028.*

193749. *I.A. 7387.*

**193750 to 193908.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 30, 1951.

Collected in 1950.

193750. *AFRAMOMUM KORARIMA* (Baker) Pereira. Zingiberaceae.

No. 9040. *Corerima*. Market, Bishoftu. Dec. 2. Used as flavoring in cooking.

193751 to 193754. *ARACHIS HYPOGAEA* L. Fabaceae.

Peanut.

Shop, Addis Ababa.

193751. No. 8775. Nov. 4.

193753. No. 8803. Nov. 12.

193752. No. 8802. Nov. 12.

193754. No. 8941. Nov. 28.

193755. *ARALIA* sp. Araliaceae.

No. 8769. *Indode*. Market, Addis Ababa. Oct. 12. Fruits ground and used as soap.

193756 to 193761. *BRASSICA* spp. Brassicaceae.

Market, Bishoftu. Dec. 2.

193756. *BRASSICA* sp.

No. 9032.

193757. *BRASSICA* sp.

No. 9033.

## 193750 to 193908.—Continued

## 193756 to 193761.—Continued

193758. BRASSICA sp.

No. 9034.

193759. BRASSICA sp.

No. 9035.

193760. BRASSICA sp.

No. 9036.

193761. BRASSICA sp.

No. 9037.

193762 and 193763. CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**

193762. No. 9007. Market, Bishoftu. Dec. 2.

193763. No. 9009. Market, Bishoftu. Dec. 2.

193764 and 193765. CARTHAMUS TINCTORIUS L. Asteraceae. **Safflower.**193764. No. 8940. *Suff.* Shop, Addis Ababa. Nov. 28.

193765. No. 9019. Market, Bishoftu. Dec. 2.

193766 to 193768. CICER ARIETINUM L. Fabaceae. **Chickpea.**

193766. No. 8857. Market, Addis Ababa. Nov. 16.

193767. No. 8858. Market, Addis Ababa.

193768. No. 8859. Market, Addis Ababa.

193769 and 193770. CORIANDRUM SATIVUM L. Apiaceae. **Coriander.**193769. No. 9030. *Dimbelal.* Market, Bishoftu. Dec. 2.193770. No. 9031. *Dimbelal.* Market, Bishoftu.193771 and 193772. CUCURBITA PEPO L. Cucurbitaceae. **Pumpkin.**

193771. No. 8935. Market, Addis Ababa. Nov. 26.

193772. No. 8936. Market, Addis Ababa. Nov. 26.

193773. GOSSYPIUM. Malvaceae. **Cotton.**

No. 8948. Market, Addis Ababa. Nov. 28.

193774. GUIZOTIA ABYSSINICA (L.f.) Cass. Asteraceae.

No. 9020. Market, Bishoftu. Dec. 2.

193775. HELIANTHUS ANNUUS L. Asteraceae. **Sunflower.**

No. 9051. Market, Bishoftu. Dec. 2. Disk 10 inches in diameter.

193776 to 193813. HORDEUM spp. Poaceae. **Barley.**

193776 to 193799. From the market, Addis Ababa.

193776. HORDEUM VULGARE L. **Common barley.**

No. 8778.

193777. HORDEUM DEFICIENS Steud. **Deficient barley.**

No. 8780.

193778 to 193784. HORDEUM VULGARE L. **Common barley.**

193778. No. 8781.

193782. No. 8785.

193779. No. 8782.

193783. No. 8786.

193780. No. 8783.

193784. No. 8737.

193781. No. 8784.

## 193750 to 193908.—Continued

## 193776 to 193813.—Continued

## 193776 to 193799.—Continued

193785. HORDEUM IRREGULARE Åberg &amp; Wiebe.

No. 8838.

193786 to 193789. HORDEUM VULGARE L.

Common barley.

193786. No. 8840.

193788. No. 8842.

193787. No. 8841.

193789. No. 8843.

193790. HORDEUM DEFICIENS Steud.

Deficient barley.

No. 8844.

193791 and 193792. HORDEUM VULGARE L.

Common barley.

193791. No. 8845.

193792. No. 8846.

193793. HORDEUM sp.

No. 8847.

193794 and 193795. HORDEUM VULGARE L.

Common barley.

193794. No. 8848.

193795. No. 8849.

193796 to 193798. HORDEUM DEFICIENS Steud.

Deficient barley.

193796. No. 8850.

193797. No. 8851.

193798. No. 8852.

193799. HORDEUM VULGARE L.

Common barley.

No. 8853.

## 193800 to 193813. From the market, Bishoftu.

193800. HORDEUM IRREGULARE Åberg &amp; Wiebe.

No. 8952.

193801 and 193802. HORDEUM VULGARE L.

Common barley.

193801. No. 8954.

193802. No. 8955.

193803 and 193804. HORDEUM DEFICIENS Steud.

Deficient barley.

193803. No. 8956.

193804. No. 8957.

193805. HORDEUM VULGARE L.

Common barley.

No. 8958.

193806. HORDEUM DEFICIENS Steud.

Deficient barley.

No. 8959.

193807. HORDEUM VULGARE L.

Common barley.

No. 8960.

193808 to 193812. HORDEUM DEFICIENS Steud.

Deficient barley.

193808. No. 8961.

193811. No. 8964.

193809. No. 8962.

193812. No. 8965.

193810. No. 8963.

193813. HORDEUM VULGARE L.

Common barley.

No. 8966.

## 193750 to 193908.—Continued

- 193814 to 193816. *LATHYRUS SATIVUS* L. Fabaceae. **Bittervetch.**  
 193814. No. 8907. *Guaya*. Market, Addis Ababa. Nov. 21.  
 193815. No. 8967. *Guaya*. Market, Bishoftu. Dec. 2.  
 193816. No. 8968. *Guaya*. Market, Bishoftu. Dec. 2.
193817. *LENS CULINARIS* Medic. Fabaceae. **Lentil.**  
 No. 8801. Shop, Addis Ababa. Nov. 12.
- 193818 and 193819. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**  
 193818. No. 9038. *Feto*. Market, Bishoftu. Dec. 2.  
 193819. No. 9039. *Feto*. Market, Bishoftu. Dec. 2.
- 193820 to 193824. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 From the market, Bishoftu. Dec. 2.  
 193820. No. 8953. 193823. No. 9017.  
 193821. No. 9015. 193824. No. 9018.  
 193822. No. 9016.
- 193825 to 193833. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**  
 193825 to 193831. From a store, Addis Ababa. Nov. 2.  
 193825. No. 8795. 193829. No. 8799.  
 193826. No. 8796. 193830. No. 8800.  
 193827. No. 8797. 193831. No. 8804.  
 193828. No. 8798.  
 193832. No. 9021. From the market, Bishoftu. Dec. 2.  
 193833. No. 9022. From the market, Bishoftu. Dec. 2.
193834. *PHASEOLUS LUNATUS* L. **Lima bean.**  
 No. 9056.
- 193835 to 193849. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
 193835 to 193837. From the market, Addis Ababa.  
 193835. No. 8787. Nov. 6.  
 193836. No. 8854. Nov. 16.  
 193837. No. 8855. Nov. 16.
- 193838 to 193849. From the market, Bishoftu. Dec. 2.  
 193838. No. 8970. 193844. No. 8976.  
 193839. No. 8971. 193845. No. 8977.  
 193840. No. 8972. 193846. No. 8978.  
 193841. No. 8973. 193847. No. 8979.  
 193842. No. 8974. 193848. No. 8980.  
 193843. No. 8975. 193849. No. 9046.
- 193850 and 193851. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
 193850. No. 8942. Market, Addis Ababa. Nov. 28.  
 193851. No. 9014. Market, Bishoftu. Dec. 2.
- 193852 to 193855. *SORGHUM VULGARE* Pers. Poaceae.  
 193852. No. 9013. Market, Bishoftu. Dec. 2.  
 193853. No. 8856. Market, Addis Ababa. Nov. 16.  
 193854. No. 9011. Market, Bishoftu. Dec. 2.  
 193855. No. 9012. Market, Bishoftu. Dec. 2.

## 193750 to 193908.—Continued

193856 to 193890. TRITICUM spp. Poaceae.

From the market, Addis Ababa. November.

193856 to 193872. TRITICUM AESTIVUM L.

Common wheat.

193856. No. 8790.	193865. No. 8828.
193857. No. 8791.	193866. No. 8830.
193858. No. 8792.	193867. No. 8831.
193859. No. 8793.	193868. No. 8835.
193860. No. 8822.	193869. No. 8836.
193861. No. 8823.	193870. No. 8916.
193862. No. 8824.	193871. No. 8917.
193863. No. 8825.	193872. No. 8919.
193864. No. 8826.	

193873 to 193883. TRITICUM DICOCCUM Schrank.

Emmer.

193873. No. 8818.	193879. No. 8930.
193874. No. 8821.	193880. No. 8931.
193875. No. 8829.	193881. No. 8932.
193876. No. 8834.	193882. No. 8933.
193877. No. 8928.	193883. No. 8934.
193878. No. 8929.	

193884. TRITICUM sp.

No. 8820.

193885. TRITICUM sp.

No. 8827.

193886. TRITICUM sp.

No. 8832.

193887. TRITICUM sp.

No. 8833.

193888. TRITICUM sp.

No. 8915.

193889. TRITICUM sp.

No. 8918.

193890. TRITICUM sp.

No. 8819.

193891 to 193900. VICIA FABA L. Fabaceae.

Broadbean.

193891. No. 8777. Market, Addis Ababa. Nov. 6.

193892. No. 8788. Market, Addis Ababa. Nov. 6.

193893 to 193900. From the market, Bishoftu. Dec. 2.

193893. No. 8988. Seeds greenish.

193894. No. 8989. Seeds brown.

193895. No. 8990. Seeds greenish.

193896. No. 8991. Seeds greenish.

193897. No. 8992. Seeds greenish.

## 193750 to 193908.—Continued

## 193891 to 193900.—Continued

## 193893 to 193900.—Continued

193898. No. 8993. Seeds greenish.

193899. No. 8994. Seeds greenish.

193900. No. 9047.

## 193901 to 193908. ZEA MAYS L. Poaceae.

Corn.

193901. No. 8986. Market, Bishoftu. Dec. 2.

193902. No. 8987. Market, Bishoftu. Dec. 2.

193903. No. 8927. Market, Addis Ababa. Nov. 26.

193904 to 193908. Market, Bishoftu. Dec. 2.

193904. No. 8981.

193907. No. 8984.

193905. No. 8982.

193908. No. 8985.

193906. No. 8983.

## 193909 to 193923. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Brazil. Seeds presented by A. R. da Silva, Pelotas, Rio Grande do Sul.  
Received Feb. 2, 1951.

193909. *Alegrete*.193917. *Petiblanco*.193910. *Bage*.193918. *Petirrojo*.193911. *Centeiroz 44*.193919. *Planalto*.193912. *Colonias*.193920. *Tremez Rijo*.193913. *Heana E. 991*.193921. *Trintani*.193914. *Negroz*.193922. *D. P. 1 31/3*.193915. *Nordeste*.193923. *D. Q. 3/150/2*.193916. *Patriarca*.

## 193924 to 193938. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Colombia. Seeds presented by Dr. Joe Rupert, Bogotá. Received Feb.  
2, 1951.

193924. *Bage*.193932. *Frontana 3671*.193925. *Cinco 2234-46*.193933. *Frontana LF 320*.193926. *Cinco (Sel A)*.193934. *Frontana LF 321*.193927. *Cinco (Sel B)*.193935. *Garnet Ott 652*.193928. *Floreana*.193936. *Heana A 934-44*.193929. *Frocor 2328-46*.193937. *Inter-generic*.193930. *Frocor 2346-46*.193938. *Negroz*.193931. *Frocor 2375-46*.

## 193939 to 193944.

From Costa Rica. Seeds presented by Dr. Ernest P. Imle, Turrialba. Re-  
ceived February 1951.

Originally received from Ceylon.

193939. CROTALARIA MUCRONATA Desv. Fabaceae.

193940. DESMODIUM GYROIDES Desv. Fabaceae.



**193939 to 193944.—Continued**

193941. *DESMODIUM HETEROCARPUM* (L.) DC.

193942. *INDIGOFERA ENDECAPHYLLA* Jacq. Fabaceae.

193943. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae.

193944. *TEPHROSIA VOGELII* Hook. f. Fabaceae.

**193945 and 193946. STROPHANTHUS spp. Apocynaceae.**

From Angola. Seeds presented by John Gossweiler, Luanda. Received Feb. 5, 1951.

193945. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

193946. *STROPHANTHUS SCHUCHARDTII* Pax.

**193947. STROPHANTHUS sp.**

From French West Africa. Seeds presented by Charles Blanchard, Abidjan, Ivory Coast. Received Feb. 5, 1951.

**193948 and 193949. ALBIZZIA JULIBRISSIN Durazz. Mimosaceae. Silktree.**

From North Carolina. Cuttings obtained from Asheville through the Division of Forest Pathology, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 16, 1951.

193948. No. 64. *Tryon*. Originally from Tryon, N. C.

193949. No. 610. *Charlotte*. Originally from Charlotte, N. C.

**193950. LESPEDEZA CYRTOBOTRYA Miquel. Fabaceae.**

From Japan. Seeds presented by Prof. T. Tanaka, Toyko. Received Feb. 5, 1951.

**193951. MELILOTUS ITALICA (L.) Lam. Fabaceae. Sweetclover.**

From Italy. Seeds presented by the Botanical Garden of the University of Pisa, Pisa. Received Feb. 5, 1951.

**193952. SOLANUM SISYMBRIIFOLIUM Lam. Solanaceae.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Feb. 6, 1951.

*Joa*. Originally received as seeds from Mrs. John C. Turner, Miami, Fla. Shrub resembling a blackberry bush in habit; fruit used in making jams.

**193953 and 193954. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From Germany. Cuttings presented by the Forschungsinstitut für Rebenzucht, Geilweilerhof. Received Feb. 7, 1951.

193953. *Precoce Malingre*.

193954. *Seibel 880*.

**193955 to 194050.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 6, 1951.

Collected in 1950.

193955. *AMMI COPTICUM* L. Apiaceae.

No. 9043. *Nech-azmud*. Market, Bishoftu. Dec. 2.

193956 to 193960. From the market, Addis Ababa. Nov. 2.

193956. *ANDROPOGON DISTACHYON* L. Poaceae.

No. 8878.

## 193955 to 194050.—Continued

## 193956 to 193960.—Continued

193957. *AVENA SATIVA* L. Poaceae. Oats.  
No. 8937.
193958. *AVENA* sp.  
No. 8913.
193959. *BRASSICA* sp. Brassicaceae.  
No. 8949.
193960. *BRASSICA* sp.  
No. 8950.
- 193961 and 193962. *CICER ARIETINUM* L. Fabaceae. Chickpea.  
193961. No. 8810. Debra Markos. Nov. 15.  
193962. No. 8860. Market, Addis Ababa. Nov. 16.
- 193963 to 193965. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.  
From Agaruen Hills, Ogaden. Oct. 26.
193963. No. 8669.
193964. No. 8670.
193965. No. 8671.
193966. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.  
No. 8908. Market, Addis Ababa. Nov. 21.
193967. *CUCUMIS PROPHETARUM* L.  
No. 8666. Agaruen Hills, Ogaden. Oct. 26.
193968. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.  
No. 8914. Market, Addis Ababa. Nov. 20.
193969. *DATURA STRAMONIUM* L. Solanaceae. Jimsonweed.  
No. 8924. Market, Addis Ababa. Nov. 23.
193970. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae. Ragi.  
No. 8910. *Dagussa*. Addis Ababa. Nov. 20.
193971. *ERAGROSTIS* sp. Poaceae.  
No. 8811. Debra Markos. Nov. 15.
- 193972 and 193973. *ERAGROSTIS TEF* (Zuccagni) Trotter. Teff.  
193972. No. 8890. South of Konboltsha. Nov. 11.  
193973. No. 8911. Jimma Road, Addis Ababa. Nov. 11.
193974. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Malaceae. Loquat.  
No. 8774. Market, Harar. Oct. 30.
193975. *FRAGARIA*. Rosaceae. Strawberry.  
No. 9060. Shop, Addis Ababa. Dec. 2.
193976. *GLADIOLUS* sp. Iridaceae.  
No. 8658. Dessie Pool, near Addis Ababa. Oct. 15.
- 193977 and 193978. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.  
193977. No. 8812. Debra Markos. Nov. 15.  
193978. No. 8944. Market, Addis Ababa. Nov. 28.

## 193955 to 194050.—Continued

- 193979 to 193990. *HORDEUM* spp. Poaceae. Barley.  
 193979. *HORDEUM IRREGULARE* Åberg & Wiebe.  
 No. 8779. Market, Addis Ababa. Nov. 6.
- 193980 to 193986. *HORDEUM VULGARE* L. Common barley.  
 193980. No. 8807. Market, Debra Markos. Nov. 15.  
 193981. No. 8864. Market, Addis Ababa. Nov. 16.  
 193982. No. 8877. Twenty km. north of Addis Ababa. Nov. 19.  
 193983. No. 8891. One hundred nine km. north of Addis Ababa. Nov. 10.  
 193984. No. 8892. Sixty-five km. north of Addis Ababa. Nov. 10.  
 193985. No. 8893. One hundred seventy km. north of Addis Ababa. Nov. 10.  
 193986. No. 8894. Eighteen km. north of Debra Birhan, Shoa Province. Nov. 10.
193987. *HORDEUM DISTICHON* L.  
 No. 8912. One hundred twenty-five km. southwest of Addis Ababa. Nov. 20.
- 193988 and 193989. *HORDEUM VULGARE* L. Common barley.  
 193988. No. 8923. Addis Ababa. Nov. 19.  
 193989. No. 8938. Market, Addis Ababa. Nov. 26.
193990. *HORDEUM DEFICIENS* Steud. Deficient barley.  
 No. 9045. Market, Bishoftu. Dec. 2.
193991. *JUNIPERUS PHOENICEA* L. Pinaceae. Phoenicean juniper.  
 No. 8909. Addis Ababa. Oct. 20.
193992. *JUNIPERUS PROCERA* Hochst. Juniper.  
 No. 8614. Street tree, Addis Ababa. Oct. 7.
- 193993 and 193994. *LATHYRUS SATIVUS* L. Fabaceae. Bittervetch.  
 193993. No. 8862. Market, Addis Ababa. Nov. 16.  
 193994. No. 8898. *Guaya*. Farm near Addis Ababa. Nov. 19.
- 193995 and 193996. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
 193995. No. 8813. Debra Markos. Nov. 15.  
 193996. No. 8861. Market, Addis Ababa. Nov. 16.
- 193997 and 193998. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.  
 193997. No. 8768. *Feto*. Market, Addis Ababa. Oct. 12.  
 193998. No. 8920. *Feto*. Market, Addis Ababa. Nov. 21.
- 193999 to 194001. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
 193999. No. 8806. Debra Markos. Nov. 15.  
 194000. No. 8946. Market, Addis Ababa. Nov. 28.  
 194001. No. 8947. Market, Addis Ababa. Nov. 28.
194002. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
 No. 9058. Shop, Addis Ababa. Dec. 1.
194003. *OCIMUM* sp. Menthaceae.  
 No. 9042. *Beso-bla; Abosda*. Market, Bishoftu. Dec. 2.

## 193955 to 194050.—Continued

- 194004 and 194005. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
 194004. No. 9040. Seeds black. Market, Bishoftu. Dec. 2.  
 194005. No. 9049. Seeds white. Market, Bishoftu. Dec. 2.
- 194006 to 194008. *PISUM SATIVUM* L. Fabaceae. Pea.  
 194006. No. 7894. Market, Addis Ababa. Nov. 6.  
 194007. No. 8816. Debra Markos. Nov. 15.  
 194008. No. 8969. Market, Bishoftu. Dec. 2.
194009. *RHAMNUS PRINOIDES* L'Her. Rhamnaceae.  
 No. 8902. *Gescio*. Addis Ababa. Nov. 19.
- 194010 to 194014. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 194010. No. 8773. Market, Addis Ababa. Oct. 16.  
 194011. No. 8921. *Senafich*. Market, Addis Ababa. Nov. 21.  
 194012. No. 8943. Market, Addis Ababa. Nov. 28.  
 194013. No. 9010. Market, Bishoftu. Dec. 2.  
 194014. No. 8945. Market, Addis Ababa. Nov. 28.
194015. *CYPHOMANDRA* sp. Solanaceae.  
 No. 8900. Addis Ababa. Nov. 20. A small shrub with yellowish brown, oval fruits 2½ inches long. The reddish-orange flesh has a tomato odor.
194016. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. Pearl millet.  
 No. 8677. Diredawa. Oct. 28.
- 194017 to 194023. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
 194017. No. 8765. *Abishe*. Market, Addis Ababa. Oct. 12.  
 194018. No. 8771. *Abishe*. Market, Diredawa. Oct. 12.  
 194019. No. 8817. Debra Markos. Nov. 15.  
 194020. No. 8809. Debra Markos. Nov. 15.  
 194021. No. 9027. Market, Bishoftu. Dec. 2.  
 194022. No. 9028. Market, Bishoftu. Dec. 2.  
 194023. No. 9029. Market, Bishoftu. Dec. 2.
194024. *TRIFOLIUM STOLZII* Harms. Fabaceae.  
 No. 8897. Ten km. north of Addis Ababa. Nov. 19. A wild clover.
- 194025 to 194040. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.  
 194025. No. 8805. Debra Markos. Nov. 15.  
 194026. No. 8808. Debra Markos. Nov. 15.  
 194027. No. 8863. Market, Addis Ababa. Nov. 16.  
 194028. No. 8896. Ten km. north of Addis Ababa. Nov. 19.
- 194029 to 194040. From the market, Bishoftu. Dec. 2.  
 194029. No. 8995. 194035. No. 9001.  
 194030. No. 8896. 194036. No. 9002.  
 194031. No. 8997. 194037. No. 9003.  
 194032. No. 8998. 194038. No. 9004.  
 194033. No. 8999. 194039. No. 9006.  
 194034. No. 9000. 194040. No. 9044.

## 193955 to 194050.—Continued

194041 and 194042. *TRITICUM DICOCCUM* Schrank. Emmer.

194041. No. 8839. Market, Addis Ababa. Nov. 16.

194042. No. 8865. Market, Addis Ababa. Nov. 16.

194043. *TRITICUM* sp.

No. 8939. Market, Addis Ababa. Nov. 26.

194044. *TRITICUM* sp.

No. 9005. Market, Bishoftu. Dec. 2.

194045 and 194046. *VICIA FABA* L. Fabaceae. Broadbean.

194045. No. 8789. Market, Addis Ababa. Nov. 6.

194046. No. 8814. Debra Markos. Nov. 15.

194047 and 194048. *ZEA MAYS* L. Poaceae. Corn.

194047. No. 8815. Debra Markos. Nov. 15.

194048. No. 9050. Market, Bishoftu.

194049. *ZIZIPHUS* sp. Rhamnaceae.No. 8772. *Qurqura*. Market, Diredawa. October. Fruit edible.

194050. (Undetermined.)

No. 8766. *Matere*. Market, Addis Ababa. Oct. 12. Native plant used as remedy for tapeworms.194051 to 194057. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.

From China. Seeds presented by Robert Dreeson, Vice Consul, Sinkiang. Received Feb. 6, 1951.

*Kharbush*. From Tibet.

194051. No. 1.

194055. No. 5.

194052. No. 2.

194056. No. 6.

194053. No. 3.

194057. No. 7.

194054. No. 4.

## 194058 and 194059.

From the Netherlands. Seeds presented by A. J. Tolner, Vries. Received Feb. 7, 1951.

194058. *LABURNUM ANAGYROIDES* Medic. Fabaceae. Goldenchain.194059. *LOTUS ULIGINOSUS* Schkuhr. Fabaceae.194060 and 194061. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

From France. Seeds presented by Vilmorin-Andrieux, Paris. Received Feb. 7, 1951.

194060. *Marmande*.194061. *Merveille des Marches*.194062. *GOSSYPIUM*. Malvaceae. Cotton.

From the Belgian Congo. Seeds presented by the Director, Bambesa Station, Beta. Received Feb. 8, 1951.

*Ishan*.

**194063 to 194068.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 12, 1951.

194063. *ZANTEDESCHIA AETHIOPICA* (L.) Spreng. Araceae. **Common calla.**  
No. 9231. Addis Ababa. Dec. 6, 1950. (Corms.)

194064 and 194065. *CITRUS AURANTIFOLIA* (Christm.) Swingle. Rutaceae.  
**Lime.**

194064. No. 9233. Jimma. Dec. 14, 1950.

194065. No. 9333. Market, Gondar. Dec. 31, 1950.

194066 and 194067. *CITRUS LIMON* (L.) Burm. f. **Lemon.**

194066. No. 9464. Gondar. Jan. 12, 1951.

194067. No. 9458. Market, Addis Ababa. Dec. 26, 1950.

194068. *CITRUS* sp.

No. 9192. Market, Jimma. Dec. 14, 1950.

**194069 and 194070. BRASSICA OLERACEA var. CAPITATA L.**  
Brassicaceae. **Cabbage.**

From Germany. Seeds obtained from Wuerttemberg-Baden, through Paul F. Taggart, Office of Economic Affairs, Washington, D. C. Received Feb. 12, 1951.

194069. *Filderkraut.*

194070. *Filder Spitz Echt.*

**194071 to 194079. TRITICUM AESTIVUM L. Poaceae.**  
**Common wheat.**

From South Australia. Seeds presented by Dr. A. T. Pugsley, Waite Agricultural Institute, Adelaide. Received Feb. 12, 1951.

194071. *Bungalla.*

194076. *White Federstin.*

194072. *Dowerin.*

194077. *Wongoonsdeg.*

194073. *Frisco.*

194078. *EW 47-7227.*

194074. *Koorda.*

194079. *EW 9 47-7226.*

194075. *Kordut.*

**194080 to 194095.**

From the Union of South Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 13, 1951.

Collected in January 1951. From Cape Province.

194080. *BRUNSVIGIA* sp. Amaryllidaceae.

No. A-4. Between Port Elizabeth and Humansdorp. Flowers pale pink.

194081. *BRUNSVIGIA* sp.

No. A-14. Near Vredenburg.

194082. *BOOPHONIA* sp. Amaryllidaceae.

No. A-20. Worcester.

194083. *HAEMANTHUS COOPERI* Baker. Amaryllidaceae.

No. A-10. Darling.

194084. *HYPOXIS STELLIPILIS* Ker. Amaryllidaceae.

No. A-5. Gamtoos River, between Port Elizabeth and Humansdorp. Flowers bright yellow.

**194080 to 194095.—Continued**

**194085.** *ORNITHOGALUM* sp. Liliaceae.

No. A-11. Road to Hopefield. Flowers greenish with darker green, longitudinal stripes.

**194086.** *ORNITHOGALUM* sp.

No. A-13. Near Vredenburg. Flowers greenish with darker green, longitudinal stripes.

**194087.** *ORNITHOGALUM CAUDATUM* Ait.

No. A-7. Groot's River Pass between Coldstream and Plettenberg Bay. Flowers greenish.

**194088.** *URGINEA LATISSIMA* Baker. Liliaceae.

No. A-9. Darling.

**194089.** *URGINEA* sp.

No. A-21. Worcester. Jan. 18, 1951.

**194090.** *URGINEA* sp.

No. A-12. Near Vredenburg.

**194091 to 194093.** *WATSONIA ANGUSTA* Ker. Iridaceae.

**194091.** No. A-16. Above Cydo Pass, north of Ceres. Flowers light scarlet.

**194092.** No. A-18. Viljoens Pass.

**194093.** No. A-19. Viljoens Pass near Villiersdorp. Flowers rose.

**194094.** *SCILLA LANCEAEFOLIA* (Jacq.) Baker. Liliaceae.

No. A-6. Gamtoos River, between Port Elizabeth and Humansdorp.

**194095.** *VALLOTA SPECIOSA* (L.f.) Dur. & Schinz. Amaryllidaceae.

No. A-8. Long Kidge farm near Plettenberg Bay.

**194096.** *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

From Germany. Cuttings presented by Hinrich Wriede, Volksdorf. Received Feb. 13, 1951.

*Benitts Roter Finkenwerde.*

**194097 to 194100.** *PRUNUS MAHALAB* L. Amygdalaceae.

**Mahalab cherry.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Mar. 6, 1951.

**194097.** From the Netherlands. 1939.

**194098.** *Glenn Dale No. 3.* From the Soviet Union. 1939.

**194099.** From Europe.

**194100.** (B. 37817). From Europe.

**194101.** *TRIFOLIUM PRATENSE* L. Fabaceae.

**Red clover.**

From Canada. Seeds presented by La Ferme Provinciale des Semences, MacDonald College, Ottawa. Received Feb. 14, 1951.

*Dollard.*

**194102 and 194103.**

From France. Cuttings presented by J. Souty, Station de Recherches Viticoles, Pont-de-la-maye. Received Feb. 14, 1951.

**194102.** *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae.

**Peach.**

*Demeure.*

**194102 and 194103.—Continued**194103. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

*Souvenir de Fernand Cognet.***194104 to 194106. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From Germany. Cuttings presented by Dr. Wilhelm Rudolf, Max Planck Institute, Voldagsen über Elze. Received Feb. 14, 1951.

194104. *Ernst Bosch.*194105. *Freiherr von Berlepsch.*194106. *Johannes Bottner.***194107 to 194112. DIOSPYROS KAKI L. Diospyraceae.****Kaki persimmon.**

From Japan. Cuttings obtained by E. B. Coffman, Natural Resources Section, GHQ, SCAP, c/o Postmaster, San Francisco, Calif. Received Feb. 14, 1951.

194107. No. 1.

194110. No. 4.

194108. No. 2.

194111. No. 5.

194109. No. 3.

194112. No. 6.

**194113 to 194116.**

From the Ryukyu Islands. Plants obtained by Eaton M. Summers, USCAR, c/o Postmaster, San Francisco, Calif. Received Feb. 15, 1951.

From Naha, Okinawa. Feb. 8, 1951.

194113. *SACCHARUM ARUNDINACEUM* Retz. Poaceae.194114 and 194115. *SACCHARUM SPONTANEUM* L.

194114. No. 4.

194115. No. 2.

194116. *ERIANTHUS KANASHIROI* Ohwi. Poaceae.**194117 to 194127.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 15, 1950.

Collected Dec. 14, 1950 from the market in Jimma.

194117. *ALLIUM CEPA* L. Liliaceae.

Onion.

No. 9170. (Bulbs.)

194118. *DIOSCOREA* sp. Dioscoreaceae.

No. 9161. (Tubers.)

194119. *DIOSCOREA* sp.

No. 9162. (Tubers.)

194120. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.

Sweetpotato.

No. 9164. (Roots.)

194121 to 194124. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

(Tubers.)

194121. No. 9165.

194123. No. 9167.

194122. No. 9166.

194124. No. 9168.

194125. *ZANTEDESCHIA AETHIOPICA* (L.) Spreng. Araceae. Common calla.

No. 9231. (Corms.)



**194117 to 194127.—Continued****194126.** ZINGIBER OFFICINALE Roscoe. Zingiberaceae.**Ginger.**

No. 9169. (Tubers.)

**194127.** COLOCASIA sp. Araceae.No. 9163. *Godwie*. (Edible corms.)**194128.** LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From the Cook Islands. Seeds presented by W. McBirney, Rarotonga. Received Feb. 15, 1951.

Local variety.

**194129 and 194130.**

From Turkey. Seeds presented by Dr. Phil Baki Kasapligil, Ankara University, Ankara. Received Feb. 15, 1951.

**194129.** CEDRUS LIBANENSIS Juss. Pinaceae.**Cedar of Lebanon.****194130.** CUPRESSUS SEMPERVIRENS var. HORIZONTALIS (Mill.) Gord.Pinaceae. **Spreading Italian cypress.****194131.** DIANTHUS CARYOPHYLLUS L. Caryophyllaceae.**Carnation.**

From Gibraltar. Plant presented by Collinwood Ingram, Benenden, Kent, England. Received Feb. 19, 1951.

**194132.** STROPHANTHUS DIVARICATUS Hook. & Arn. Apocynaceae.

From Florida. Seeds presented by E. A. Menninger, Stuart. Received in January 1951.

**194133 to 194135.** PRUNUS PERSICA (L.) Batsch. Amygdalaceae.**Peach.**

From North Carolina. Plants growing at the North Carolina Sandhill Experiment Station, West End. Numbered Mar. 7, 1951.

**194133.** *North African No. 1.***194134.** *North African No. 2.***194135.** *North African No. 3.***194136.** MENTHA ARVENSIS var. PIPERASCENS Malinv.

Menthaceae.

**Japanese mint.**

From Japan. Roots obtained by E. B. Coffman, Natural Resources Section, c/o Postmaster, San Francisco, Calif. Received Feb. 2, 1951.

**194137.** CERATONIA SILIQUA L. Caesalpiniaceae.**Carob.**

From Italy. Cuttings presented by Prof. Vincenzo Carrante, Director, Agricultural Experiment Station, Bari. Received Feb. 2, 1951.

*Amele.***194138 and 194139.** FICUS CARICA L. Moraceae. **Common fig.**

From Morocco. Cuttings presented by the Service de l'Horticulture, Rabat. Received Feb. 21, 1951.

**194138.** *Tameriout.***194139.** *Taramint.***194140 to 194147.**

From Canada. Cuttings presented by the Dominion Experiment Station, Summerland, British Columbia. Received Feb. 21, 1951.

**194140 to 194147.—Continued**

- 194140 to 194142. *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae. **Peach.**  
 194140. *Solo.*  
 194141. *Spotlight.*  
 194142. *Superior.*
- 194143 to 194145. *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**  
 194143. *S-4-8.*  
 194144. *S-5-4.*  
 194145. *Sterling.*
194146. *PRUNUS ARMENIACA* L. Amygdalaceae. **Apricot.**  
*Reliable.*
194147. *PRUNUS.* **Cherry.**  
*S-9-15.*

**194148 and 194149.**

From Sweden. Seeds presented by W. Weibull, Landskrona. Received Feb. 26, 1951.

194148. *TRIFOLIUM HYBRIDUM* L. Fabaceae. **Alsike clover.**  
 194149. *TRIFOLIUM PRATENSE* L. **Red clover.**

**194150 to 194153.**

From the Union of South Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 26, 1951.

Collected in February 1951.

194150. *BRUNSVIGIA ROSEA* (Lam.) Hannibal. Amaryllidaceae.  
 No. A-24. National Botanic Garden, Kirstenbosch.
194151. *HAEMANTHUS COCCINEUS* L. Amaryllidaceae.  
 No. A-22. Cape tip, Cape Peninsula.
194152. *WATSONIA BULBILLIFERA* Mathews & L. Bolus. Iridaceae.  
 No. A-25. National Botanic Garden, Kirstenbosch.
194153. *WATSONIA TABULARIS* Eckl.  
 No. A-23. Near Smith's Winkel Bay, Cape Peninsula.

**194154 to 194164. *CYDONIA OBLONGA* Mill. Malaceae. **Quince.****

From England. Plants presented by the East Malling Research Station, Maidstone, Kent. Received Feb. 27, 1951.

- |                               |                              |
|-------------------------------|------------------------------|
| 194154. <i>Caucasian I.</i>   | 194160. <i>Pillnitz I.</i>   |
| 194155. <i>Caucasian II.</i>  | 194161. <i>Pillnitz II.</i>  |
| 194156. <i>Caucasian III.</i> | 194162. <i>Pillnitz III.</i> |
| 194157. <i>Caucasian IV.</i>  | 194163. <i>Pillnitz IV.</i>  |
| 194158. <i>Caucasian V.</i>   | 194164. <i>Pillnitz V.</i>   |
| 194159. <i>Caucasian VI.</i>  |                              |

**194165. *PRUNUS ARMENIACA* L. Amygdalaceae. **Apricot.****

From Greece. Cuttings presented by Alan Berry, Acropole Palace Hotel, Athens. Received Feb. 27, 1951.

*Tofo.*

**194166. SOLANUM GILO Raddi. Solanaceae.**

From Yugoslavia. Seeds presented by the Plant Protection Institute, Zagreb. Received Feb. 27, 1951.

**194167 to 194180.**

From the Union of South Africa. Bulbs and tubers collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 27, 1951.

From Cape Province. Collected in February 1951.

**194167. AGAPANTHUS AFRICANUS (L.) Hoffm. Liliaceae.**

No. A-44. Seventeen miles north of Fort Beaufort.

**194168. AGAPANTHUS sp.**

No. A-42. Seventeen miles north of Fort Beaufort.

**194169. ALBUCA AUREA Jacq. Liliaceae.**

No. A-33. Port Elizabeth. Leaves about 2 feet long, lanceolate; bearing pale-yellow flowers on several peduncles.

**194170. BOOPHON DISTICHA (L.f.) Herbert. Amaryllidaceae.**

No. A-39. Between Alexandria and Grahamstown.

**194171. CRINUM sp. Amaryllidaceae.**

No. A-47. Ten miles north of Fort Beaufort.

**194172 and 194173. HAEMANTHUS ALBIFLOS Jacq. Amaryllidaceae.**

194172. No. A-40. *April Fool*. Between Port Alfred and Grahamstown.

194173. No. A-45. Braeside, 10 miles west of Fort Beaufort.

**194174. HAEMANTHUS PUNICEUS L.**

No. A-46. *April Fool*. Braeside, 10 miles west of Fort Beaufort.

**194175. HYPOXIS MULTICEPS Buching. Amaryllidaceae.**

No. A-37. Port Alfred-Grahamstown road.

**194176. ORNITHOGALUM sp. Liliaceae.**

No. A-35. Grahamstown road.

**194177. SCILLA LANCEAEFOLIA (Jacq.) Baker. Liliaceae.**

No. A-38. Port Alfred-Grahamstown west road.

**194178. URGINEA ALTISSIMA (L.f.) Baker. Liliaceae.**

No. A-34. Ten miles south of Grahamstown.

**194179. ALBUCA SETOSA Jacq. Liliaceae.**

No. A-41. Grahamstown-Fort Beaufort road.

**194180. ALBUCA FLACCIDA Jacq.**

No. A-43. Fort Fordyce Forestry Station, 17 miles north of Fort Beaufort.

**194181. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

From Ohio. Seeds presented by C. A. Zeigler, Sugar Creek, through Max M. Hoover, Plant Introduction Station, Ames, Iowa. Received Feb. 27, 1951.

Early bush bean; pods edible, good flavor.

**194182 to 194184. VITIS VINIFERA L. Vitaceae. European grape.**

From France. Cuttings presented by the École Nationale d'Agriculture, Montpellier. Received Feb. 27, 1951.

**194182 to 194184.—Continued**

194182. *Aestivalis* No. 2.

194183. *Aestivalis* No. 13.

194184. *Aestivalis* No. 20.

**194185. EUCHLAENA MEXICANA Schrad. Poaceae. Teosinte.**

From Guatemala. Seeds presented by Father Paul Sommers, Maryknoll Fathers, Jacaltenango, Huehuetenango. Received Feb. 28, 1951.

From near Santa Ana Huista.

**194186. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

From Guatemala. Seeds obtained by Robert C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 28, 1951.

*Sesenta Dias.* Below Jacaltenango, Huehuetenango, in limestone and sandstone; 2,000 to 3,500 feet altitude.

**194187. PYRUS SEROTINA Rehd. Malaceae.**

From Japan. Seeds presented by General Douglas MacArthur, through Lt. Col. D. T. Hamersley, GHSC, Toyko. Received Feb. 28, 1951.

**194188 to 194198. POPULUS spp. Salicaceae. Poplar.**

From the Netherlands. Cuttings presented by the Nederlandsche Heide-maatschappij, Arnhem. Received Feb. 28, 1951.

194188. *POPULUS ANGULATA* Ait.

194189. *POPULUS DELTOIDES* var. *MISSOURIENSIS* Henry.

194190. × *POPULUS EUGENEI* Simon-Louis.

194191. *POPULUS GELRICA* Houtzag.

194192. × *POPULUS CANADENSIS* var. *MARILANDICA* (Poir.) Rehd.

194193. × *POPULUS CANADENSIS* var. *REGENERATA* (Henry) Rehd.

194194. × *POPULUS CANADENSIS* var. *ERECTA* (Selys-Longch.) Rehd.

194195. × *POPULUS ROBUSTA* (Simon-Louis) Schneid.

194196. × *POPULUS CANADENSIS* var. *SEROTINA* (Hartig) Rehd.

194197. × *POPULUS CANADENSIS* var. *ERECTA* (Selys-Longch.) Rehd.

194198. × *POPULUS VERNIRUBENS* A. Henry.

**194199. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From England. Cuttings presented by J. M. S. Potter, Royal Horticultural Society Gardens, Wisley, Surrey. Received Mar. 1, 1951.

*Bowden Seedling.*

**194200. LESPEDEZA STRIATA (Thunb.) Hook. & Arn. Fabaceae.**

From Australia. Seeds presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Mar. 1, 1951.

**194201. AVENA STRIGOSA Schreb. Poaceae.**

From Uruguay. Seeds presented by the Director, Instituto Fitotecnico y Semillero Nacional, Montevideo. Received Mar. 1, 1951.

**194202 to 194215. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.**

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 1, 1951.

**194202 to 194215.—Continued**

Hybrids from F<sub>4</sub> lines advanced to F<sub>6</sub> generation. Highly resistant to bacterial canker; developed through field and greenhouse propagation at Beltsville.

**194202 to 194205.** Cross #33 (23) *Blackeye* × (7) *Iron*.

**194202.** R 23.

**194204.** R 35.

**194203.** R 33.

**194205.** R 37.

**194206 to 194215.** Cross #44 (27) *Chinese Red* × (7) *Iron*.

**194206.** R 43.

**194211.** R 63.

**194207.** R 49.

**194212.** R 65.

**194208.** R 53.

**194213.** R 67.

**194209.** R 55.

**194214.** R 69.

**194210.** R 57.

**194215.** R 71.

**194216 and 194217.** *PRUNUS MAHALEB* L. Amygdalaceae.

**Mahaleb cherry.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Mar. 7, 1951.

**194216.** Open-pollinated seedling of seedling R-16 (PI 134246) introduced as seeds from the Soviet Union.

**194217.** Open-pollinated seedling R-800 Y (PI 134246) introduced as seeds from the Soviet Union.

**194218 to 194220.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 2, 1951.

**194218.** *CITRUS RETICULATA* Blanco. Rutaceae.

**Mandarin orange.**

No. 9494. Shop, Addis Ababa. Jan. 28, 1951. Cultivated tangerine.

**194219.** *PHOENIX ABYSSINICA* Drude. Phoenicaceae.

**Palm.**

No. 9627. Front of Ras Desta Hospital, Addis Ababa. Feb. 5, 1951.

**194220.** *ZANTEDESCHIA AETHIOPICA* (L.) Spreng. Araceae.

**Common calla.**

No. 9601. Farm, near Guder. Jan. 30, 1951.

**194221 to 194225.**

From the Union of South Africa. Collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 2, 1951.

Collected in 1951, in Cape Province.

**194221.** *AGAPANTHUS AFRICANUS* (L.) Hoffmegg. Liliaceae.

No. A-30. Long Ridge farm, 9 miles east of Plettenberg Bay. Mar. 2. (Roots.)

**194222.** *CHLOROPHYTUM CAPENSE* (L.) Kuntze. Liliaceae.

No. A-28. Seven miles east of George, upper road to Knysna. Feb. 5. (Tubers.)

**194223.** *URGINEA* sp. Liliaceae.

No. A-27. National highway between Albertinia and Mossel Bay. Feb. 4. (Bulbs.)

**194224.** *WATSONIA* sp. Iridaceae.

No. A-31. Twenty miles east of Plettenberg Bay. Flowers pink to deep coral pink. Feb. 6. (Bulbs.)

## 194221 to 194225.—Continued

194225. *WATSONIA MERIANA* (L.) Miller.

No. A-32. Near Elands River on national road. Flowers salmon. Feb. 6. (Bulbs.)

194226. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.**Cabbage.**

From Germany. Seeds presented by Conrad H. Hammar, Food and Agriculture Organization, Frankfurt. Received Mar. 2, 1951.

194227 and 194228. *LOTUS CORNICULATUS* L. Fabaceae.**Birdsfoot trefoil.**

From Yugoslavia. Seeds presented by Branco Secen, Zagreb. Received Mar. 2, 1951.

194227. Mixture of varieties from all parts of Croatia.

194228. Local variety from Djurdjevac.

194229 to 194232. *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**

From the Union of South Africa. Seeds presented by Pieter Kock, South African Department of Agriculture, Pretoria, Transvaal. Received Mar. 2, 1951.

194229. Brazilian. *São Francisco*.194230. Brazilian. *São Francisco*.194231. Egyptian. *Cannabis Leaf*.194232. Egyptian. *Cotton Leaf*.194233 to 194235. *DIOSCOREA* spp. Dioscoreaceae.

From El Salvador. Tubers presented by Dr. J. Guiscafre-Arrillaga, Santa Tecla. Received Mar. 5, 1951.

194233. *DIOSCOREA* sp.*Barbados*.194234. *DIOSCOREA* sp.*Ceylon*.194235. *DIOSCOREA* sp.*Ceylon Morado*.194236. *PRUNUS AVIUM* L. Amygdalaceae.**Sweet cherry.**

From England. Rootstocks presented by the East Malling Research Station, East Malling, Kent. Received Mar. 5, 1951.

194237. *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae. **Peach.**

From Italy. Cuttings presented by Arturo Ansalori, Bologna. Received Mar. 5, 1951.

*Madame Kira Evreinoff*.194238. *SESAMUM INDICUM* L. Pedaliaceae.**Sesame.**

From China. Seeds presented by the Pacific Vegetable Oil Corporation, San Francisco, Calif. Received Mar. 5, 1951.

194239 and 194240.

From Sweden. Cuttings presented by Dr. Frederik Nilsson, Horticultural Research Station, Alnarp, Akarp. Received Mar. 7 and 8, 1951.

194239. *PRUNUS AVIUM* L. Amygdalaceae.**Sweet cherry.***Tetraploid*.194240. *MALUS SYLVESTRIS* Mill. Malaceae.**Apple.**

To be tested as stock.

**194241 and 194242. PIPER NIGRUM L. Piperaceae. Black pepper.**

From India. Cuttings presented by the Madras Government Research Station, Taleparamba, Malabar. Received Mar. 8, 1951.

194241. *Balamkotta*.

194242. *Kalluvally*.

**194243 to 194390.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 6, 1951.

Collected Dec. 14, 1950 at the market in Jimma, unless otherwise noted.

194243. *AFRAMOMUM* sp. Zingiberaceae.

No. 9160.

194244. *AMMI COPTICUM* L. Apiaceae.

No. 9154. Dec. 2, 1950.

194245. *ANDROPOGON* sp. Poaceae.

No. 9205. Edge of airport field, Jimma.

194246 to 194250. *ARACHIS HYPOGAEA* L. Fabaceae.

**Peanut.**

Market, Addis Ababa. Dec. 19, 1950.

194246. No. 9211.

194249. No. 9214.

194247. No. 9212.

194250. No. 9215.

194248. No. 9213.

194251. *BRASSICA* sp. Brassicaceae.

No. 9137.

194252. *BRASSICA* sp.

No. 9138.

194253. *BRASSICA* sp.

No. 9139.

194254. *BRASSICA* sp.

No. 9140.

194255. *BRASSICA* sp.

No. 9141.

194256. *BRASSICA* sp.

No. 9191.

194257. *CANNA* sp. Cannaceae.

No. 8866. Garden, Addis Ababa. Nov. 18, 1950.

194258. *CANNA* sp.

No. 9207.

194259 to 194261. *CAPSICUM FRUTESCENS* L. Solanaceae.

**Redpepper.**

194259. No. 9146.

194260. No. 9147.

194261. No. 9148.

194262 and 194263. *CARICA PAPAYA* L. Caricaceae.

**Papaya.**

194262. No. 9172.

194263. No. 9173.

## 194243 to 194390.—Continued

194264. *COFFEA* sp. Rubiaceae.

Coffee.

No. 9129.

194265. *COFFEA* sp.

No. 9130.

194266. *COFFEA* sp.

No. 9131.

194267. *CROTALARIA INCANA* L. Fabaceae.

No. 9199. Airport, Jimma.

194268 and 194269. *CUCURBITA PEPO* L. Cucurbitaceae.

Pumpkin.

194268. No. 9062. Market, Addis Ababa. Dec. 1, 1950.

194269. No. 9216. Shop, Addis Ababa. Dec. 19, 1950.

194270. *DRACAENA* sp. Liliaceae.No. 9206. *Algi*. Jimma.194271 to 194274. *GOSSYPIUM*. Malvaceae.

Cotton.

194271. No. 9142.

194273. No. 9144.

194272. No. 9143.

194274. No. 9145.

194275 and 194276. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.

194275. No. 9070. Blue Nile. Dec. 2, 1950.

194276. No. 9152.

194277 to 194298. *HORDEUM* spp. Poaceae.

Barley.

194277. *HORDEUM VULGARE* L.

Common barley.

No. 9106.

194278 and 194279. *HORDEUM DEFICIENS* Steud.

Deficient barley.

194278. No. 9107.

194279. No. 9108.

194280 to 194284. *HORDEUM VULGARE* L.

Common barley.

194280. No. 9109.

194283. No. 9112.

194281. No. 9110.

194284. No. 9113.

194282. No. 9111.

194285. *HORDEUM DEFICIENS* Steud.

Deficient barley.

No. 9114.

194286 to 194289. *HORDEUM VULGARE* L.

Common barley.

194286. No. 9115.

194288. No. 9117.

194287. No. 9116.

194289. No. 9118.

194290. *HORDEUM DEFICIENS* Steud.

Deficient barley.

No. 9119.

194291 to 194294. *HORDEUM VULGARE* L.

Common barley.

194291. No. 9120.

194293. No. 9122.

194292. No. 9121.

194294. No. 9123.

194295. *HORDEUM DEFICIENS* Steud.

Deficient barley.

No. 9124.

194296. *HORDEUM VULGARE* L.

Common barley.

No. 9125.



## 194243 to 194390.—Continued

## 194277 to 194298.—Continued

194297. *HORDEUM DEFICIENS* Steud. Deficient barley.  
No. 9126.
194298. *HORDEUM VULGARE* L. Common barley.  
No. 9189.
- 194299 to 194303. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.  
194299. No. 9155. Market, Addis Ababa. 194302. No. 9158.  
194300. No. 9156. 194303. No. 9159.  
194301. No. 9157.
- 194304 to 194306. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
194304. No. 9149.  
194305. No. 9150.  
194306. No. 9151.
- 194307 and 194308. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.  
194307. No. 9174.  
194308. No. 9175.
194309. *MYRSINE* sp. Myrsinaceae.  
No. 9064. *Cachema*. Addis Ababa. Dec. 8, 1950. Tapeworm remedy.
194310. *MYRSINE* sp.  
No. 9065. *Incoco*. Addis Ababa. Dec. 8, 1950. Tapeworm remedy.
194311. *NIGELLA SATIVA* L. Ranunculaceae. Black cumin.  
No. 9153. *Abosda*.
194312. *CHLORIS PYCNOTHRIX* Trin. Poaceae.  
No. 9202. Jimma.
- 194313 to 194315. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
194313. No. 9385. Abasamuele. Jan. 2, 1951.  
194314. No. 9128.  
194315. No. 9198.
- 194316 to 194337. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
From Addis Ababa. December 1950.
- |                   |                   |
|-------------------|-------------------|
| 194316. No. 9218. | 194327. No. 9229. |
| 194317. No. 9219. | 194328. No. 9230. |
| 194318. No. 9220. | 194329. No. 9230. |
| 194319. No. 9221. | 194330. No. 9230. |
| 194320. No. 9222. | 194331. No. 9230. |
| 194321. No. 9223. | 194332. No. 9230. |
| 194322. No. 9224. | 194333. No. 9230. |
| 194323. No. 9225. | 194334. No. 9230. |
| 194324. No. 9226. | 194335. No. 9230. |
| 194325. No. 9227. | 194336. No. 9230. |
| 194326. No. 9228. | 194337. No. 9232. |

## 194243 to 194390.—Continued

- 194338 to 194350. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
 194338. No. 9095. 194345. No. 9101.  
 194339. No. 9096. 194346. No. 9102.  
 194340. No. 9097. 194347. No. 9103.  
 194341. No. 9098. 194348. No. 9104.  
 194342. No. 9094. 194349. No. 9105.  
 194343. No. 9099. 194350. No. 9190.  
 194344. No. 9100.
194351. *PSIDIUM GUAJAVA* L. Myrtaceae. **Guava.**  
 No. 9054. *Zeitum*. Market, Bishoftu.
194352. *SOLANUM* sp. Solanaceae.  
 No. 9171. *Bruto*.
- 194353 to 194357. *SORGHUM VULGARE* Pers. Poaceae.  
 194353. No. 9183. 194356. No. 9186.  
 194354. No. 9184. 194357. No. 9187.  
 194355. No. 9185.
- 194358 to 194374. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**  
 194358. No. 9077. 194367. No. 9086.  
 194359. No. 9078. 194368. No. 9087.  
 194360. No. 9079. 194369. No. 9088.  
 194361. No. 9080. 194370. No. 9089.  
 194362. No. 9081. 194371. No. 9090.  
 194363. No. 9082. 194372. No. 9091.  
 194364. No. 9083. 194373. No. 9092.  
 194365. No. 9084. 194374. No. 9093.  
 194366. No. 9085.
194375. *TRITICUM DICOCCUM* Schrank. Poaceae. **Emmer.**  
 No. 9076.
194376. *TRITICUM* spp.  
 No. 9188. Mixed species of cultivated wheat.
- 194377 to 194382. *VICIA FABA* L. Fabaceae. **Broadbean.**  
 194377. No. 9132.  
 194378. No. 9133.  
 194379. No. 9134.  
 194380. No. 9135.  
 194381. No. 9136.  
 194382. No. 9217. Shop, Addis Ababa. Dec. 19, 1950.
194383. *ZANTEDESCHIA AETHIOPICA* (L.) Spreng. Araceae. **Common calla.**  
 No. 9231. Addis Ababa. Oct. 2, 1950.
- 194384 to 194390. *ZEA MAYS* L. Poaceae. **Corn.**  
 194384. No. 9176, 194388. No. 9180.  
 194385. No. 9177, 194389. No. 9181.  
 194386. No. 9178, 194390. No. 9182,  
 194387. No. 9179,

**194391 to 194397.**

From Uruguay. Seeds presented by Alberto Basso, Montevideo. Received Mar. 7, 1951.

194391. *AGROPYRON* sp. Poaceae.

194392. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

194393. *HORDEUM STENOSTACHYS* Godr. Poaceae.

194394. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

194395. *LOLIUM* sp.

194396. *POA LANIGERA* Nees. Poaceae.

194397. *VICIA FULGENS* Batt. Fabaceae.

**194398 and 194399. ALLIUM ASCALONICUM L. Liliaceae. Shallot.**

From the Netherlands. Bulbs presented by Dr. O. Banga, Director, Instituut voor Veredeling van Tuinbouwgewassen, Wageningen. Received Mar. 9, 1951.

194398. No. 51002. *Noord Hollandanse Strogele*.

194399. No. 51001. *Ouddorpse Bruine*.

**194400 to 194419. TRIFOLIUM SUBTERRANEUM L. Fabaceae.**

**Subterranean clover.**

From Australia. Seeds presented by Dr. William Hartley, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Received Mar. 7, 1951.

194400. *Bacchus Marsh*.

194410. *Mulwala*.

194401. *Bunerang*.

194411. *Nangecla*.

194402. *Daliah*.

194412. *New Northern Early*.

194403. *Dwalganup*.

194413. *Northam*.

194404. *Edenhope*.

194414. *Samaria*.

194405. *Kybybolite*.

194415. *Seaton Park*.

194406. *McArthur*.

194416. *Smeaton*.

194407. *Merino*.

194417. *Wallendbeen*.

194408. *Milton*.

194418. *Yea*.

194409. *Mt. Barker*.

194419. *Yarloop*.

**194420 to 194427.**

From Sweden. Presented by Dr. Frederik Nilsson, Alnarp, Akarp. Received Mar. 8, 1951.

194420. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

*Spasserud*. (Scions.)

194421. *PYRUS COMMUNIS* L. Malaceae.

Pear.

*Charnin*. (Scions.)

194422 to 194425. *PRUNUS AVIUM* L. Amygdalaceae.

Sweet cherry.

(Budsticks.)

194422. *Horno Bigarreau*.

194424. *Sestervik*.

194423. *Ranna Semi-bigarreau*.

194425. *Vimmerby*.

194426 and 194427. *RUBUS*. Rosaceae.

194426. *Miranda*. (Plants.)

194427. *Mitra*. (Plants.)

**194428 to 194435.**

From the Union of South Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 9, 1951.

Collected Feb. 20, 1951.

194428. *AMMOCHARIS* sp. Amaryllidaceae.

No. A-53. East of Pietermaritzburg, Natal Province.

194429. *DIOSCOREA DREGEANA* Baker. Dioscoreaceae.

No. A-51. Base of World's View Hill, 8 miles west of Pietermaritzburg, Natal Province.

194430. *DIOSCOREA MALIFOLIA* Baker.

No. A-52. Base of World's View Hill, 8 miles west of Pietermaritzburg, Natal Province.

194431. *HYPOXIS ROOPERII* T. Moore. Amaryllidaceae.

No. A-50. On road to Pietermaritzburg, 109 miles from Kokstad, Cape Province.

194432. *HYPOXIS* sp.

No. A-48. On Pietermaritzburg road, 14 miles from Kokstad, Cape Province.

194433. *SCILLA* sp. Liliaceae.

No. A-54. Five miles east of Pietermaritzburg, Natal Province.

194434. *SCILLA* sp.

No. A-55. Five miles east of Pietermaritzburg, Natal Province.

194435. *WATSONIA* sp. Iridaceae.

No. A-49. On road to Pietermaritzburg, 25 miles from Kokstad, Cape Province. Flowers pink.

**194436 to 194438. GLADIOLUS spp. Iridaceae.**

From Colombia. Bulbs presented by V. R. Gardner, Bogotá. Received Mar. 12, 1951.

194436. *GLADIOLUS*.

194437. *GLADIOLUS PSITTACINUS* Hook.

194438. *GLADIOLUS* sp.

**194439 to 194446. CAMELLIA JAPONICA L. Theaceae.****Common camellia.**

From Japan. Seeds obtained from Tokyo through E. B. Coffman, Natural Resources Section, SCAP, c/o Postmaster, San Francisco, Calif. Received Mar. 12, 1951.

194439. *Haruno-akebono*.

194443. No. I.

194440. *Tukimi-guruma*.

194444. No. II.

194441. *Iwane-shibori*.

194445. Mixed.

194442. Flowers large and red.

194446. Mixed.

**194447 to 194450. PRUNUS PERSICA (L.) Batsch. Amygdalaceae. Peach.**

From Canada. Cuttings presented by the Vineland Horticultural Station, Vineland, Ontario. Received Mar. 13, 1951.

194447. *Erlyvee*.

194449. *Vesper*.

194448. *Somervee* (39011).

194450. 39082.

**194451. PSIDIUM GUAJAVA L. Myrtaceae. Guava.**

From Brazil. Seeds presented by the Instituto Agronómico do Norte, Belém, Pará. Received Mar. 16, 1951.

**194452 to 194476.**

From Israel. Seeds presented by Dr. Michael Zohary, Hebrew University, Jerusalem. Received Mar. 14, 1951.

194452. *ANDROPOGON DISTACHYON* L. Poaceae.

194453 and 194454. *BROMUS SYRIACUS* Boiss. & Blanche. Poaceae.

194455 to 194457. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.

194455. (No special note.)

194456 and 194457. Near Daliya, Samarian Mountains.

194458 to 194460. *HORDEUM BULBOSUM* L. Poaceae. Barley.

194458. Near Matzuba, western Lower Galilee.

194459. Near Daliya, Samarian Mountains.

194460. Near Matzuba, western Lower Galilee.

194461 to 194463. From near Jerusalem.

194461. *LAMARCKIA AUREA* (L.) Moench. Poaceae.

194462. *MEDICAGO HISPIDA* Gaertn. Fabaceae. Burclover.

194463. *MEDICAGO ORBICULARIS* (L.) All. Button clover.

194464 to 194469. From near Matzuba, western Lower Galilee.

194464 to 194466. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.

194464. No. 1.

194465. No. 2.

194466. No. 3.

194467 to 194469. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook.

194467. No. 1.

194468. No. 2.

194469. No. 3.

194470 and 194471. *PHALARIS NODOSA* L. Poaceae.

Near Eilon, western Upper Galilee.

194470. No. 1.

194471. No. 2.

194472. *STIPA BROMOIDES* (L.) Beck. Poaceae.

Near Matzuba, western Lower Galilee.

194473. *TRIFOLIUM CAMPESTRE* Schreb. Fabaceae.

Near Matzuba, western Lower Galilee.

194474. *TRIFOLIUM STENOPHYLLUM* Boiss.

Near Tel Aviv, Plain of Sharon.

194475. *TRIFOLIUM* sp.

Near Jerusalem.

194476. *TRIGONELLA ARABICA* Delile. Fabaceae.

Near Beersheba.

**194477 and 194478. RUBUS spp. Rosaceae.**

From Tennessee. Plants growing at the Agricultural Experiment Station, Knoxville. Numbered Mar. 14, 1951.

## 194477 and 194478.—Continued

194477. *RUBUS LUDWIGII* Eckl. & Zeyh.

A South African species that resembles *R. occidentalis* in habit and appearance. The acid fruits are somewhat larger than those of *R. occidentalis*.

194478. *RUBUS ALBESCENS* Roxb.

Mysore raspberry.

A vigorous erect bushy species from eastern India. The small, dull-black fruits are moderately firm, sweet, and of good quality.

## 194479 to 194492.

From the Union of South Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

From Transvaal unless otherwise noted. Collected in 1951.

194479. *BOOPHONIA DISTICHA* (L.f.) Herbert. Amaryllidaceae.

No. A-59. Hoorn's Nek, 12 miles northwest of Pretoria. Mar. 1.

194480. *BOWIEA VOLUBILIS* Hook. f. Liliaceae.

No. A-58. Hoorn's Nek, 12 miles northwest of Pretoria. Mar. 1.

194481. *CRINUM* sp. Amaryllidaceae.

No. A-63. Pretoria University Farm. Mar. 1.

194482. *CRINUM* sp.

No. A-66. Onderstepoort, 6 miles north of Pretoria. Mar. 1.

194483. *HAEMANTHUS NELSONII* Baker. Amaryllidaceae.

No. A-57. Hoorn's Nek, 12 miles northwest of Pretoria. Mar. 1.

194484. *HYPOXIS* sp. Amaryllidaceae.

No. A-64. Pretoria University Farm. Mar. 1.

194485. *HYPOXIS RIGIDULA* Baker.

No. A-65. Pretoria University Farm. Mar. 1.

194486. *SCILLA NATALENSIS* Planch. Liliaceae.

No. A-67. Pretoria University Farm. Mar. 1.

194487. *SCILLA* sp.

No. A-62. Pretoria University Farm. Mar. 1.

194488. *SCILLA* sp.

No. A-60. Hoorn's Nek, 12 miles northwest of Pretoria. Mar. 1.

194489. *TULBAGHIA FRAGRANS* Verdoorn. Liliaceae.

No. A-68. Pretoria University Farm. Mar. 1.

194490. *URGINEA BURKEI* Baker. Liliaceae.

No. A-61. Four miles north of Pretoria. Mar. 1.

194491. *HAEMANTHUS CONCOLOR* Herb. Amaryllidaceae.

No. A-15. Near Glenview, Cape Province. Feb. 12.

194492. *SCILLA MEGAPHYLLA* Baker. Liliaceae.

No. A-56. Between Hlabisa and Nongoma (Zululand), Natal. Feb. 26.

## 194493 to 194521.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Mar. 15, 1951.

Localities given are those from which seeds were originally received.

## 194493 to 194521.—Continued

194493. *ACACIA EBURNEA* (L.) Willd. Mimosaceae.  
India, through E. A. Menninger, Stuart, Fla.
194494. *ATALAYA HEMIGLAUCA* F. Muell. Sapindaceae.  
Adel's Grove Botanic Gardens, Queensland, Australia.
194495. *BAIKIAEA PLURIJUGA* Harms. Caesalpiniaceae.  
Rhodesia, through E. A. Menninger, Stuart, Fla.
- 194496 and 194497. *BAUHINIA CUNNINGHAMII* Benth. Caesalpiniaceae.  
From Adel's Grove Botanic Gardens, Queensland, Australia.
194496. *Rosea*.
194497. Typical form.
194498. *COCHLOSPERMUM GOSSYPIUM* (L.) DC. Cochlospermaceae.  
India, through E. A. Menninger, Stuart, Fla.
194499. *CORDIA GLOBOSA* H.B.K. Boraginaceae.  
Hubert L. Smith, Tampa, Fla.
194500. *LINOMA ALBA* (Bory) O.F. Cook. Phoenicaceae. Palm.  
Haiti, through Dr. David Fairchild, Coconut Grove, Fla. Received as  
var. *furfurascens*, an apparently unpublished name.
194501. *DOMBEYA NAIROBENSIS* Engler. Sterculiaceae.  
Kenya, through E. A. Menninger, Stuart, Fla.
194502. *ERYTHRINA VARIEGATA* Stickm. Fabaceae.  
Cuddapah, southern India, through E. A. Menninger, Stuart, Fla.
194503. *ERYTHROXYLON* sp. Erythroxylaceae.  
Received as *E. havanense*, an apparently unpublished name.
194504. *EUCALYPTUS CLAVIGERA* A. Cunn. Myrtaceae.  
Adel's Grove Botanic Gardens, Queensland, Australia.
194505. *GREWIA SALVIFOLIA* Heyne. Tiliaceae.  
India, through E. A. Menninger, Stuart, Fla.
194506. *HIBISCUS* sp. Malvaceae.  
Quito, Ecuador, through P. W. Trout, Jacksonville, Fla.
194507. *LAGERSTROEMIA TOMENTOSA* Presl. Lythraceae.  
Atkins Garden, Harvard University, Cienfuegos, Cuba.
194508. *LEPTOSPERMUM ERICOIDES* A. Rich. Myrtaceae.  
Kenya, through E. A. Menninger, Stuart, Fla.
194509. *LEUCAENA TRICHODES* (Jacq.) Benth. Mimosaceae.  
Fairchild Tropical Garden, Coconut Grove, Fla.
194510. *MELALEUCA LINARIIFOLIA* J. E. Smith. Myrtaceae.  
From E. A. Menninger, Stuart, Fla.
194511. *MUSSAENDA* sp. Rubiaceae.  
India. Kingdon-Ward Expedition No. 17572.
194512. *NAUCLEA RETICULATA* Havil. Rubiaceae.  
From R. E. Wiseman, Miami, Fla.
194513. *NEWBOULDIA LAEVIS* Seem. Bignoniaceae.  
From Col. Robert Montgomery, Coconut Grove, Fla.

**194493 to 194521.—Continued**

194514. *PTEROSPERMUM ACERIFOLIUM* (L.) Willd. Sterculiaceae.

Forest Research Institute, New Forest, Dehra Dun, India, through E. A. Menninger, Stuart, Fla.

194515. *SESBANIA TOMENTOSA* Hook. & Arn. Fabaceae.

(No data concerning origin.)

194516. *SOLANUM SISYMBRIFOLIUM* Lam. Solanaceae.

*Joa.* Brazil, through Mrs. John Turner, Miami, Fla.

194517. *SOYMIDA FEBRIFUGA* (Roxb.) Juss. Meliaceae.

India, through E. A. Menninger, Stuart, Fla.

194518. *STERCULIA TRICHOSIPHON* Benth. Sterculiaceae.

Adel's Grove Botanic Gardens, Queensland, Australia.

194519. *SYNCARPIA GLOMULIFERA* (J. E. Sm.) Ndzu. Myrtaceae.

Hawaii, through H. F. Clay, University of Hawaii, Honolulu.

194520. *TECOMA MOLLIS* H.B.K. Bignoniaceae.

Adel's Grove Botanic Gardens, Queensland, Australia.

194521. *VITEX ALTISSIMA* L. Verbenaceae.

India, through E. A. Menninger, Stuart, Fla.

**194522 and 194523. CITRUS LIMON (L.) Burm. f. Rutaceae.**

**Lemon.**

From Italy. Seeds presented by the Stazione Sperimentale de Agrumicoltura e Fruticultura, Acireale. Received Mar. 15, 1951.

194522. *Femminello.*

194523. *Monachello.*

**194524 to 194527.**

From Sweden. Seeds presented by the Jardin Botanique, Universite d'Uppsala. Received Mar. 15, 1951.

194524. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae.

**Lupine.**

194525. *LUPINUS ORNATUS* Dougl.

194526. *LUPINUS POLYPHYLLUS* Lindl.

**Washington lupine.**

194527. *TRIFOLIUM LUPINASTER* L. Fabaceae.

**194528. LUPINUS POLYPHYLLUS Lindl. Fabaceae.**

**Washington lupine.**

From Belgium. Seeds presented by Dr. E. J. B. Verleyen, Plantentuin van Antwerpen, Antwerp. Received Mar. 15, 1951.

**194529 and 194530.**

From Puerto Rico. Seeds presented by the University of Puerto Rico, Río Piedras. Received Mar. 16, 1951.

194529. *MELINIS MINUTIFLORA* Beauv. Poaceae.

**Molasses grass.**

194530. *PUERARIA PHASEOLOIDES* (Roxb.) Benth. Fabaceae.

**194531. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From England. Cuttings presented by Clarence Elliott, Rectory Farm, Moreton-in-Marsh, Gloucestershire. Received Mar. 20, 1951.

*Strawberry.*



**194532 to 194535. TRIFOLIUM PRATENSE L. Fabaceae.****Red clover.**

From England. Seeds presented by the Ministry of Agriculture, London.  
Received Feb. 20, 1951.

194532. *Cotswold Broad.*194533. *Dorset Marl Broadleaf.*194534. *Essex Broad.*194535. *Genuine Stock Dorset Marigrass.***194536 to 194540.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau  
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.  
Mar. 16, 1951.

From the market, Gondar. Dec. 31, 1950.

194536. *ALLIUM CEPA* L. Liliaceae.**Onion.**

No. 9338. (Bulbs.)

194537 to 194539. *SOLANUM TUBEROSUM* L. Solanaceae.**Potato.**

194537. No. 9334. (Tubers.)

194538. No. 9335. (Tubers.)

194539. No. 9336. (Tubers.)

194540. *ZINGIBER OFFICINALE* Roscoe. Zingiberaceae.**Ginger.**

No. 9337. (Roots.)

**194541 to 194548.**

From Japan. Seeds presented by E. B. Coffman, SCAP, Natural Resources  
Section, c/o Postmaster, San Francisco, Calif. Received Mar. 19, 1951.

194541. *AQUILEGIA FLABELLATA* Sieb. & Zucc. Ranunculaceae.194542. *DIANTHUS JAPONICUS* Thunb. Caryophyllaceae.194543. *GERANIUM NEPALENSE* var. *THUNBERGII* Kudo. Geraniaceae.*Roseum.*194544. *GERANIUM YEDOENSE* Franch. & Sav.194545. *GERANIUM YEDOENSE* var. *NIPPONICUM* Nakai.194546. *HYPERICUM SENANENSE* Maxim. Hypericaceae.194547. *LILIUM CORDIFOLIUM* Thunb. Liliaceae.194548. *RHODODENDRON BRACHYCARPUM* var. *ROSAEFLOREM* Miyoski. Eri-  
caceae.**194549 to 194559. HORDEUM spp. Poaceae.****Barley.**

From Germany. Seeds presented by Prof. by Prof. Th. Roemer-Halle, c/o  
Verlag Paul Parey, American Sector, Berlin. Received Mar. 19, 1951.

194549 and 194550. *HORDEUM VULGARE* L.**Common barley.**194549. *Chinko.*194550. *HES Lyallpru 3645.*194551. *HORDEUM DISTICHON* L.*M 892 (Smooth.)*194552 and 194553. *HORDEUM VULGARE* L.**Common barley.**194552. *Nepal (Naked.)*194553. *Ragusa.*

**194549 to 194559.—Continued**194554 to 194559. *HORDEUM DISTICHON* L.194554. *Saalegerste*.194555. *Stamm JH 538946*.194556. *Stamm 583449*.194557. *Vogels Mehlauresistente St. 62/125*.194558. *Weihenstephaner II*.194559. *Zeiners Flugrandres. Stamm 264 b*.**194560 and 194561.**

From New York. Seeds presented by Mrs. James E. Winfield, Homestead Garden Club, Painted Post. Received Mar. 22, 1951.

194560. *CAPSICUM FRUTESCENS* L. Solanaceae.**Redpepper.**

Originally from Dr. C. F. Secord, Guatemala City, Guatemala. A black-seeded variety.

194561. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.**Tomato.**

*Mormon 50 Day*. Originally from Prof. Piovano, Mendoza, Argentina.

**194562 and 194563. *CARTHAMUS TINCTORIUS* L. Asteraceae.****Safflower.**

From Egypt. Seeds presented by N. A. Koshairy, Director, Ministry of Agriculture, Giza, Orman. Received Mar. 23, 1951.

Originally from New Delhi, India. Local collection.

194562. *Giza I. Inermis*.194563. *Giza II. Typicus*.**194564. *EUPHORBIA* sp. Euphorbiaceae.**

From Ethiopia. Cuttings collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 23, 1951.

**194565 to 194608.**

From Guatemala. Seeds collected by O. W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 21, 1951.

Collected Mar. 3 to 5, 1951.

194565. *BIXA ORELLANA* L. Bixaceae.**Anatto-tree.**

No. 2508. Market, Antigua.

194566 to 194569. *CAPSICUM FRUTESCENS* L. Solanaceae.**Redpepper.**

194566 to 194568. Market, Antigua.

194566. No. 2505.

194567. No. 2506.

194568. No. 2507.

194569. No. 2542. Market, Chimaltenango.

194570. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.**Cushaw.**

No. 2543. Market, Chimaltenango.

194571 to 194588. *PHASEOLUS VULGARIS* L. Fabaceae.**Common bean.**

194571 to 194574. Market, Antigua.

194571. No. 2518.

194573. No. 2520.

194572. No. 2519.

194574. No. 2521.

## 194565 to 194608.—Continued

## 194571 to 194588.—Continued

194575 to 194578. Market, Chimaltenango.

194575. No. 2522. 194577. No. 2529.

194576. No. 2528. 194578. No. 2544.

194579 to 194588. Market, Sololá.

194579. No. 2546. 194584. No. 2553.

194580. No. 2548. 194585. No. 2556.

194581. No. 2549. 194586. No. 2557.

194582. No. 2550. 194587. No. 2558.

194583. No. 2552. 194588. No. 2560.

194589. PHASEOLUS sp.

No. 2501. Near Antigua.

194590. PHYSALIS sp. Solanaceae.

No. 2517. Market, Antigua.

194591 to 194608. ZEA MAYS L. Poaceae.

Corn.

194591 to 194593. From Antigua.

194591. No. 2502.

194592. No. 2503.

194593. No. 2504.

194594 to 194600. Market, Chimaltenango.

194594. No. 2526. 194598. No. 2539.

194595. No. 2527. 194599. No. 2540.

194596. No. 2537. 194600. No. 2541.

194597. No. 2538.

194601 to 194608. Market, Sololá.

194601. No. 2547. 194605. No. 2559.

194602. No. 2551. 194606. No. 2561.

194603. No. 2524. 194607. No. 2562.

194604. No. 2555. 194608. No. 2563.

## 194609 to 194623.

From Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 23, 1951.

From Transvaal, Union of South Africa unless otherwise noted. Collected Mar. 6 to 10, 1951.

194609. BRUNSVIGIA sp. Amaryllidaceae.

No. A-69. Eleven miles south of Carolina. Flowers pink.

194610. BRUNSVIGIA sp.

No. A-83. Twelve miles from Lydenburg.

194611. CLIVIA CAULESCENS R. A. Dyer. Amaryllidaceae.

No. A-79. At tree line on pass over Mount Anderson, between Sabie and Lydenburg.

194612. CRINUM sp. Amaryllidaceae.

No. A-74. Nineteen miles west of Stegi, Swaziland.

## 194609 to 194623.—Continued

194613. *DIOSCOREA* sp. Dioscoreaceae.

No. A-81. Four miles from Graskop.

194614. (Undetermined.)

No. A-71. Four miles east of Lochiel. Leaves sword-shaped.

194615. *NERINE ANGUSTIFOLIA* Baker. Amaryllidaceae.

No. A-72. Thirteen miles east of Lochiel. Flowers deep pink in terminal umbel.

194616. *ORNITHOGALUM* sp. Liliaceae.

No. A-77. Ten miles from Barberton. Flowers white, on 3-foot stalks.

194617. *SCILLA* sp. Liliaceae.

No. A-75A. Vicinity of Piggs Peak, Swaziland.

194618. *SCILLA* sp.

No. A-78. On pass over Mount Anderson, between Sabie and Lydenburg.

194619. (Undetermined.)

No. A-82. Five miles from Graskop. Rosette, with leaves up 2 feet long.

194620. *WATSONIA STRUBENIAE* L. Bolus. Iridaceae.

No. A-80. Ten miles south of Graskop. Flowers showy, pink-mauve, plants in clumps.

194621. *WATSONIA* sp.

No. A-70. Four miles east of Lochiel.

194622. *WATSONIA* sp.

No. A-75. Four miles north of Forbes Reef, Swaziland. Flowers showy, deep pink.

194623. *AGAPANTHUS PENDULUS* L. Bolus. Liliaceae.

No. A-73. Isateki Beacon, southwest of Stegi, Swaziland.

194624 to 194656. *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.

From Sweden. Seeds presented by Algot Holmberg and Sons, Ltd., Fiskerby, Norrköping, Sweden. Received Mar. 29, 1951.

194624. 291-1-2.	194641. 744-2.
194625. 292-1-20.	194642. 740-3.
194626. 634-7-64-1.	194643. 748-5.
194627. 698-1-1.	194644. 748-7.
194628. 698-1-2.	194645. 749-1.
194629. 698-3-4.	194646. 749-2.
194630. 698-3-5.	194647. 751-2.
194631. 699-2-1.	194648. 751-3.
194632. 699-2-4.	194649. 751-4.
194633. 733-4.	194650. 751-5.
194634. 737-1.	194651. 751-6.
194635. 738-3.	194652. 751-8.
194636. 738-4.	194653. 752-1.
194637. 738-6.	194654. 753-1.
194638. 740-1.	194655. 754-5.
194639. 741-1.	194656. 755-3.
194640. 744-1.	

**194657. CITRUS BERGAMIA** Risso. Rutaceae. **Bergamot orange.**

From Sicily. Seeds presented by the Experimental Station of Agriculture, Catania. Received Mar. 26, 1951.

**194658 to 194686. SOLANUM.** Solanaceae.

From Germany. Tubers presented by the Max Planck Institut für Züchtungsforschung, Hanover. Received Mar. 26, 1951.

- 194658. 50.145/1. [*(S. chaucha* × *rybinii*) × *tuberosum*] × *Flava*.
- 194659. 50.167/1. *Bona* × (*S. demissum* × *tuberosum*)
- 194660. 50.168/1. *Bona* × (*S. demissum* × *tuberosum*)
- 194661. 50.170/3. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194662. 50.170/4. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194663. 50.170/5. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194664. 50.170/6. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194665. 50.170/7. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194666. 50.172/1. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194667. 50.172/2. *Bona* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194668. 50.182/1. *Fruhgold* × (*S. demissum* × *tuberosum*)
- 194669. 50.186/1. *Frühmolle* × (*S. demissum* × *tuberosum*)
- 194670. 50.186/2. *Frühmolle* × (*S. demissum* × *tuberosum*)
- 194671. 50.186/3. *Frühmolle* × (*S. demissum* × *tuberosum*)
- 194672. 50.186/4. *Frühmolle* × (*S. demissum* × *tuberosum*)
- 194673. 50.186/5. *Frühmolle* × (*S. demissum* × *tuberosum*)
- 194674. 50.187/1. *Frühmolle* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194675. 50.191/1. *Frühmolle* × (*S. antipovichi* × *tuberosum*)  $F_2$
- 194676. 50.191/2. *Frühmolle* × (*S. antipovichi* × *tuberosum*)  $F_2$
- 194677. 50.192/1. *Vera* × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194678. 50.196/1. (*S. demissum* × *tuberosum*) × (*S. demissum* × *tuberosum*)
- 194679. 50.196/2. (*S. demissum* × *tuberosum*) × (*S. demissum* × *tuberosum*)
- 194680. 50.198/1. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *antigenum*) × *tuberosum*]
- 194681. 50.198/2. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *antigenum*) × *tuberosum*]
- 194682. 50.198/3. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *antigenum*) × *tuberosum*]
- 194683. 50.198/4. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *antigenum*) × *tuberosum*]
- 194684. 50.209/1. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194685. 50.209/2. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. demissum* × *andigenum*) × *tuberosum*]
- 194686. 50.234/1. [(*S. demissum* × *andigenum*) × *tuberosum*] × [(*S. tuberosum* × *polyadenium*) × *Flava*]

**194687 to 194696.**

From Ireland. Seeds presented by the National Botanic Garden, Dublin. Received Mar. 26, 1951.

**194687 to 194696.—Continued**

- 194687. *CORONILLA EMERUS* L. Fabaceae.
- 194688. *CORONILLA MONTANA* Scop.
- 194689. *CORONILLA VIMINALIS* Salisb.
- 194690. *INDIGOFERA HEBEPETALA* Benth. Fabaceae.
- 194691. *LINUM ARBOREUM* L. Linaceae.
- 194692. *LINUM HIRSUTUM* L.
- 194693. *LINUM MONOGYNUM* Forst. f.
- 194694. *LINUM VISCOSUM* L.
- 194695. *VICIA OROBOIDES* Wulf. Fabaceae.
- 194696. *VICIA OROBUS* DC.

**194697 to 194705.**

From the Netherlands. Seeds presented by Barenbrug's Zaadhandel, Arnhem.  
Received Mar. 26, 1951.

- 194697 and 194698. *AGROSTIS CANINA* L. Poaceae.
- 194697. Seeds dark-colored.
- 194698. Seeds light-colored.
- 194699. *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae. **Tall oatgrass.**
- 194700. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**
- 194701 to 194703. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**
- 194701. Pasture type.
- 194702. Hay type, late.
- 194703. Hay type, early.
- 194704 and 194705. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**
- 194704. Pasture type.
- 194705. Hay type.

**194706 to 194712.**

From Guatemala. Collected by O. W. Norvell, Agricultural Explorer, Bureau  
of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.  
Received Mar. 27, 1951.

Collected March 12 to 16, 1951.

- 194706. *DIOSCOREA* sp. Dioscoreaceae.
- No. 2692. Side of Volcán Santa Maria. (Cuttings.)
- 194707. *SMILACINA* sp. Convallariaceae.
- No. 2712. Cumbre de Olinstepeque. (Roots.)
- 194708. *SMILAX* sp. Smilacaceae.
- No. 2762. Retalhuleu. (Plants.)
- 194709. *SMILAX* sp.
- No. 2691. Volcán Santa Maria. (Plants.)
- 194710. (Undetermined.)
- No. 2763. Retalhuleu. (Tubers.)
- 194711. (Undetermined.)
- No. 2690. Quezaltenango near Volcán Santa Maria. (Plants.)
- 194712. *DIOSCOREA* sp. Dioscoreaceae.
- No. 2765. Guatemala City. (Tubers.)

**194713 to 194733.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 27, 1951.

Collected in February 1951.

**194713 and 194714.** *ALLIUM CEPA* L. Liliaceae. **Onion.**

194713. No. 9717. (Bulbs.)

194714. No. 9788. (Bulbs.)

**194715.** *ALLIUM SATIVUM* L. **Garlic.**

No. 9716. (Bulbs.)

**194716.** *IMPATIENS TINCTORIA* A. Rich. Balsaminaceae.

No. 9715. (Roots.)

**194717 to 194720.** *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

(Tubers.)

194717. No. 9718.

194719. No. 9720.

194718. No. 9719.

194720. No. 9788.

**194721 to 194733.** Seeds.

**194721 to 194723.** *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

194721. No. 9721.

194722. No. 9722.

194723. No. 9723.

**194724.** *COFFEA* sp. Rubiaceae. **Coffee.**

No. 9724. Market, Dessie.

**194725.** *COFFEA* sp.

No. 9872. Market, Batie.

**194726.** *COFFEA* sp.

No. 9873. Market, Batie.

**194727 to 194732.** Jimma region; furnished by Giacomo Frumana, Tana Co., Ltd.

**194727.** *COFFEA* sp.

No. 9921.

**194728.** *COFFEA* sp.

No. 9922.

**194729.** *COFFEA* sp.

No. 9923.

**194730.** *COFFEA* sp.

No. 9924.

**194731.** *COFFEA* sp.

No. 9925.

**194732.** *COFFEA* sp.

No. 9926.

**194733.** *ANDROPOGON* sp. Poaceae.

No. 9879. 30 km. east of Dessie.

**194734 and 194735. FRAGARIA VESCA L. Rosaceae.****Alpine strawberry.**

From Turkey. Plants presented by Donald Dumont, American Consul, Istanbul. Received Mar. 27, 1951.

194734. *Mangro*. Cengelkoyden.

194735. *Yediveren*. Bursandan.

**194736 to 194768. SACCHARUM. Poaceae.****Sugarcane.**

From Barbados. Cuttings presented by the British West Indies Central Sugar Cane Breeding Station, Bridgetown. Received Mar. 28, 1951.

194736. B-43380.	194753. B-45181.
194737. B-38272.	194754. B-35207.
194738. B-41242.	194755. B-45111.
194739. B-44261.	194756. B-35276.
194740. B-47183.	194757. B-35218.
194741. B-45116.	194758. B-37261.
194742. B-37226.	194759. B-45211.
194743. B-45285.	194760. B-46199.
194744. B-35247.	194761. B-43375.
194745. B-35269.	194762. B-4454.
194746. B-40272.	194763. B-4327.
194747. B-39254.	194764. B-4455.
194748. B-45151.	194765. B-3354.
194749. B-44167.	194766. B-3017.
194750. B-39274.	194767. B-4543.
194751. B-35197.	194768. B-4524.
194752. B-34102.	

**194769 to 194793.**

From India. Seeds collected by Dr. Walter Koelz, c/o American Consul, Bombay. Received Mar. 28, 1951.

Collected in the Naga Hills, Assam.

194769. *CANAVALIA* sp. Fabaceae.

No. 11734. Tekhuham, 7,000 feet altitude.

194770. *DATURA* sp. Solanaceae.

No. 11735. Tekhuham.

194771 to 194773. *GLYCINE MAX* (L.) Merr. Fabaceae.

**Soybean.**

194771. No. 11736. Tekhuham.

194772. No. 11737. Tekhuham.

194773. No. 11750. Kohima.

194774 to 194777. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae.

194774. No. 11738. Tekhuham. 194776. No. 11740. Tekhuham.

194775. No. 11739. Tekhuham. 194777. No. 11751. Kohima.

194778 to 194784. *PHASEOLUS CALCARATUS* Roxb. Fabaceae. **Rice bean.**

194778. No. 11741. Tekhuham.

194779. No. 11742. Tekhuham.



## 194769 to 194793.—Continued

## 194778 to 194784.—Continued

194780. No. 11743. Tekhuhama.

194781. No. 11752. Kohima. Green seeds.

194782. No. 11752-a. Kohima. Mottled seeds

194783. No. 11753. Cream-colored seeds.

194784. No. 11754. Kohima.

## 194785 to 194787. PHASEOLUS MUNGO L.

Urd.

From Tekhuhama.

194785. No. 11744.

194786. No. 11745.

194787. No. 11746.

## 194788. SESAMUM INDICUM L. Pedaliaceae.

Sesame.

No. 11755. Kohima.

## 194789. SOLANUM MELONGENA L. Solanaceae.

Eggplant.

No. 11747. Tekhuhama.

## 194790. SOLANUM TORVUM Sw.

No. 11748. Kohima.

## 194791. ZEA MAYS L. Poaceae.

Corn.

No. 11749. Tekhuhama.

## 194792 and 194793. GOSSYPIUM. Malvaceae.

Cotton.

194792. No. 11756. Kohima.

194793. No. 11757. Imphal, Manipur.

## 194794. ALLIUM ASCALONICUM L. Liliaceae.

Shallot.

From Yugoslavia. Bulbs presented by the Federal Plant Breeding Institute, Zemun. Received Mar. 28, 1951.

## 194795. SOLANUM RANTONNETII Carr. Solanaceae.

From Argentina. Seeds presented by Enrique C. Clos, Ministry of Agriculture, Buenos Aires. Received Mar. 28, 1951.

## 194796. HELIANTHUS STRUMOSUS L. Asteraceae.

From Wisconsin. Seeds presented by D. F. Crether, Lodi. Received Nov. 10, 1950.

## 194797 to 194826. PRUNUS AVIUM L. Amygdalaceae.

Sweet cherry.

From the Netherlands. Cuttings presented by C. J. Cerritsen, Kantoort, Wageningen. Received Mar. 28, 1951.

194797. *Beeks* (Late.)194805. *Gendtse*.194798. *Blankette*.194806. *Hollander*.194799. *Bruine Spaanse*.194807. *Inspecteur Lohnis*.194800. *Dikke Loen*.194808. *Kleine Waalse*.194801. *Dubble Eierkriek*.194809. *Klerk*.194802. *Early Rivers*. *Alfheim* type.194810. *Koningskers*.194803. *Fraas Maylingskers*.194811. *Lamotte*.194804. *Früheste der Mark*.194812. *Meikers*.

## 194797 to 194826.—Continued

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 194813. <i>Mierlose.</i>           | 194820. <i>Vroege van Spithoven.</i> |
| 194814. <i>Molenkers.</i>          | 194821. <i>Vroege van Werder.</i>    |
| 194815. <i>Pater van Mansfeld.</i> | 194822. <i>Waalse Bruine.</i>        |
| 194816. <i>Reine Hortense.</i>     | 194823. <i>Waalse Dikke.</i>         |
| 194817. <i>Sprenkelkers.</i>       | 194824. <i>Westerlese Kriek.</i>     |
| 194818. <i>Varikse Zwarte.</i>     | 194825. <i>Zoete Morel.</i>          |
| 194819. <i>Vroege van Gelmen.</i>  | 194826. <i>Zwarte Rouaan.</i>        |

## 194827 and 194828. TRIFOLIUM spp. Fabaceae.

From Guatemala. Seeds presented by Robert C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Mar. 29, 1951.

From the highland station of the Instituto Agropecuario Nacional, in Quezaltenango. Altitude 8,000 feet.

194827. TRIFOLIUM AMABILE H.B.K.

194828. TRIFOLIUM MEXICANUM Hemsl.

## 194829. PRUNUS DOMESTICA L. Amygdalaceae. Common plum.

From Yugoslavia. Plants presented by John J. Haggerty, Agricultural Attaché, American Embassy, Belgrade. Received Mar. 29, 1951.

*Slivo.*

## 194830. POGOSTEMON sp. Menthaceae.

From the Federation of Malaya. Cuttings presented by J. R. Curry, State Agricultural Officer, Selangor. Received Mar. 29, 1951.

## 194831 to 194833. GOSSYPIUM. Malvaceae. Cotton.

From Uganda. Seeds presented by the Cotton Research Station, Kampala. Received Mar. 29, 1951.

194831. B 181.

194832. BP 52, MB 2.

194833. KP 28.

## 194834 to 194837. LINUM USITATISSIMUM L. Linaceae. Flax.

From Japan. Seeds obtained by E. B. Coffman, Natural Resources Section, GHQ, SCAP, c/o Postmaster, San Francisco, Calif. Received Mar. 29, 1951.

194834. *Nansho 510.*

194836. *Sagino No. 2. 509.*

194835. *Sagino No. 1. 508.*

194837. *Unryu 511.*

## 194838 to 194840. VITIS VINIFERA L. Vitaceae. European grape.

From Canada. Plants presented by T. G. Bright and Company, Ltd., Ontario. Received Mar. 30, 1951.

194838. *Bertello 2846.*

194839. *Landot 244.*

194840. *Seibel 878.*

## 194841 and 194842. LUPINUS LUTEUS L. Fabaceae. European yellow lupine.

From Sweden. Seeds presented by the Sveriges Utsädesförening, Svalöf. Received Mar. 30, 1951.

194841. *Weiko II.*

194842. Strain 8. Originally from Germany.

**194843. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.**

From the Belgian Congo. Seeds presented by V. Becquart, Elisabethville. Received Apr. 2, 1951.

**194844 to 194853. GOSSYPIUM. Malvaceae. Cotton.**

From Greece. Seeds presented by the Cotton Research Institute, Ministry of Agriculture, Sindos. Received Apr. 2, 1951.

194844. 25-D-9.	194849. 53-D-4.
194845. 49-D-2.	194850. 2-G-1.
194846. C-6.	194851. 29-X-2.
194847. 53-D-7.	194852. 28-G-3.
194848. S.A.3.	194853. 2-X-4.

**194854 to 194868.**

From Japan. Seeds obtained by E. B. Coffman, GHQ, SCAP, Natural Resources Section, c/o Postmaster, San Francisco, Calif. Received Apr. 2, 1951.

Presented by the Ministry of Agriculture and Forestry, Tokyo.

**194854. CASSIA MIMOSOIDES L. Caesalpiniaceae.**

*Kawara Ketsumei.*

**194855. CYMBOPOGON GOERINGII (Steud.) A. Camus. Poaceae.**

*Ogaru Kaya.*

**194856. ERAGROSTIS AQUATICA Honda. Poaceae.**

*Kaze Kusa.*

**194857. INDIGOFERA PSEUDO-TINCTORIA Matsum. Fabaceae.**

*Koma Tsunagi.*

**194858. LESPEDEZA CUNEATA (Dum.-Cours.) G. Don. Fabaceae.**

*Medo Hagi.*

**194859. LESPEDEZA STRIATA (Thunb.) Hook. & Arn.**

*Yahazu So.*

**194860. SPODIOPOGON COTULIFER (Thunb.) Hack. Poaceae.**

*Abura Susuki.*

**194861. PANICUM BISULCATUM Thunb. Poaceae.**

*Mika Kibi.*

**194862. PASPALUM THUNBERGII Kunth. Poaceae.**

*Suzume No Hie.*

**194863. PENNISETUM sp. Poaceae.****194864. SPOROBOLUS ELONGATUS R. Br. Poaceae.**

*Nezumi Noo.*

**194865. VICIA AMOENA Fisch. Fabaceae.**

*Tsura Fujibakama.* Received as var. *sachalinensis*, an apparently undescribed variety.

**194866. VICIA HIRSUTA (L.) S. F. Gray.**

*Suzume Noendo.*

**194867. VICIA SATIVA L.**

**Common vetch.**

*Karasu Noendo.*

**194868. VICIA TETRASPERMA (L.) Moench.**

*Kasuma Gusa.*

**194869. RIBES. Saxifragaceae.****Gooseberry.**

From Scotland. Cuttings presented by George M. Taylor, Links Cottage, East Lothian. Received Apr. 5, 1951.

*Forever Amber.*

**194870. TRIFOLIUM PANNONICUM Jacq. Fabaceae.**

From Norway. Seeds presented by Prof. Rolf Nordhagen, University of Oslo, Oslo. Received Apr. 13, 1951.

**194871 to 194878.**

From Guatemala. Collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 2, 1951.

Collected Mar. 24, 1951.

**194871. (Undetermined.)**

No. 2817. Market, Puerto Barrios. (Tubers.)

**194872. (Undetermined.)**

No. 2816. Market, Puerto Barrios. (Tubers.)

**194873. DIOSCOREA sp. Dioscoreaceae.**

No. 2815. Market, Puerto Barrios. (Tubers.)

**194874. (Undetermined.)**

No. 2817. Market, Puerto Barrios. (Tubers.)

**194875. (Undetermined.)**

(Plants.)

**194876. (Undetermined.)**

No. 2813. Near Santo Tomás, Departamento de Izabal. (Plants.)

**194877. CITRUS LIMON (L.) Burm. f. Rutaceae.****Lemon.**

No. 2608. Zacapa. (Seeds.)

**194878. DAHLIA sp. Asteraceae.**

No. 2853. Near Calderas. (Tubers.)

**194879 to 194884.**

From New York. Seeds presented by Mrs. J. E. Winfield, Painted Post. Received Apr. 3, 1951.

A collection of peppers and tomatoes from various sources.

**194879 to 194881. CAPSICUM FRUTESCENS L. Solanaceae.****Redpepper.**

194879. *Pinched Nose*. British Guiana, through J. J. Carlee.

194880. British Guiana, through J. J. Carlee. A small, late-maturing, Mexican variety.

194881. *Black Negro*. Florida.

**194882. CAPSICUM PUBESCENS Ruiz & Pav.**

Guatemala, through Dr. C. F. Secord.

**194883 and 194884. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

194883. Painted Post, N.Y.

194884. Mendoza, Argentina, through Prof. Abelardo Piovano. Fruits pink, in clusters.

**194885 to 194887. CERATONIA SILIQUA L. Caesalpinaceae.****Carob.**

From Italy. Cuttings presented by Dr. Emilio Zanini, Facoltà di Agraria, Palermo, Sicily. Received Apr. 4, 1951.

## 194885 to 194887.—Continued

194885. *Latissima*.194886. *Morescone*.194887. *Racemosa*.194888. *DIOSCOREA* sp. Dioscoreaceae.

From Mexico. Tubers collected by Eugene C. Ogden and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 4, 1951.

No. 51156. About 7 kms. from El Palmar, along road to Tezonapa and Motzorongo, Veracruz. Mar. 15, 1951.

194889. *PRUNUS DOMESTICA* L. Amygdalaceae. **Common plum.**

From England. Cuttings presented by the Long Ashton Research Station, Bristol. Received Apr. 5, 1951.

*Thames Cross.*194890. *AGAVE* sp. Amaryllidaceae.

From Guatemala. Plant collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 16, 1951.

No. 2825. Volcán de Agua, Zacatepequez. Mar. 22, 1951.

## 194891 to 195119.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 4, 1951.

194891. *ANDROPOGON* sp. Poaceae.

No. 9375. Imperial Gardens, Abasamuele. Jan. 2, 1951.

194892. *FOENICULUM VULGARE* Mill. Apiaceae.**Fennel.**

No. 9382. Imperial Gardens, Abasamuele. Jan. 2, 1951.

194893 to 194897. *AVENA SATIVA* L. Poaceae.**Oats.**

194893. No. 9339. Market, Gondar. Dec. 31, 1950.

194894. No. 9488. Market, Jimma. Dec. 14, 1950.

194895. No. 9489. Market, Bishoftu. Dec. 2, 1950.

194896. No. 9350. Market, Gondar. Dec. 31, 1950.

194897. No. 9351. Market, Gondar. Dec. 31, 1950.

194898. *ASTRAGALUS ABYSSINICUS* Steud. Fabaceae.

No. 9394. Catstele Island, Lake Tana. Jan. 5, 1951.

194899. *BECKEROPSIS* sp. Poaceae.

No. 9395. Catstele Island, Lake Tana. Jan. 5, 1951.

## 194900 to 194904. From the market, Gondar. Dec. 31, 1950.

194900. *BRASSICA* sp. Brassicaceae.

No. 9317.

194901. *BRASSICA* sp.

No. 9318.

194902. *BRASSICA* sp.

No. 9319.

194903. *BRASSICA* sp.

No. 9363.

194904. *BRASSICA* sp.

No. 9450.

## 194891 to 195119.—Continued

194905. *CANNA* sp. Cannaceae.

No. 9465. Gondar. Cultivated. Jan. 12, 1951.

194906 and 194907. *CARICA PAPAYA* L. Caricaceae.

Papaya.

194906. No. 9457. Market, Addis Ababa. Jan. 19, 1951.

194907. No. 9460. Market, Jimma. Dec. 14, 1950.

194908 to 194911. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

194908. No. 9194. Market, Jimma. Dec. 14, 1950. Orange-red, pointed, 2½ by 4 inches.

194909. No. 9195. Market, Jimma. Dec. 14, 1950. *Berberri*. Orange-red, blunt, 2 inches by ⅝ inch.194910. No. 9196. Market, Jimma. Dec. 14, 1950. *Berberri*. Orange-red, bell-shaped, concave end, 2 inches by 1 inch.

194911. No. 9328. Gondar. Dec. 31, 1950.

194912. *CUCURBITA FICIFOLIA* Bouché. Cucurbitaceae.

No. 9210. Addis Ababa. Dec. 18, 1950.

194913. *CARTHAMUS TINCTORIUS* L. Asteraceae.

Safflower.

No. 9369. Gondar. Jan. 1, 1951. *Suff*. Cultivated at edge of town.194914. *COFFEA* sp. Rubiaceae.

Coffee.

No. 9376. Imperial Gardens, Abasamuele. Jan. 2, 1951.

194915. *COFFEA* sp.

No. 9377. Imperial Gardens, Abasamuele. Jan. 2, 1951.

194916. *DINEBRA RETROFLEXA* (Vahl) Panz. Poaceae.

No. 9415. Near Gorgora. Jan. 6, 1951.

194917. *ECHINOCHLOA* sp. Poaceae.

No. 9404. Near Gorgora. Jan. 6, 1951. In shallow water, cove of Lake Tana. Jan. 6, 1951.

194918 to 194922. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae.

Ragi.

194918. No. 9324. Market, Gondar. Dec. 31, 1950. *Dagussa*.

194919. No. 9325. Market, Gondar. Dec. 31, 1950.

194920. No. 9326. Market, Gondar. Dec. 31, 1950.

194921. No. 9414. Near Gorgora. Jan. 6, 1951.

194922. No. 9416. Near Gorgora. Jan. 6, 1951.

194923 to 194929. *ERAGROSTIS TEF* (Zuccagni) Trotter. Poaceae.

Teff.

194923 to 194926. From market, Gondar. Dec. 31, 1950.

194923. No. 9320.

194925. No. 9322.

194924. No. 9321.

194926. No. 9323.

194927. No. 9432. Near Gorgora. Jan. 6, 1951.

194928. No. 9361. Market, Gondar. Dec. 31, 1950.

194929. No. 9398. Near Gorgora. Jan. 6, 1951.

194930. *FICUS* sp. Moraceae.

Fig.

No. 9447. Market, Gondar. Jan. 8, 1951. *Chola*. A wild edible fig.194931. *FRAGARIA*. Rosaceae.

Strawberry.

No. 9422. Abasamuele. Jan. 10, 1951. Cultivated.

## 194891 to 195119.—Continued

- 194932 to 194938. *GOSSYPIUM*. Malvaceae. Cotton.
- 194932 to 194936. Market, Gondar. Dec. 31, 1950.
194932. No. 9299. 194935. No. 9302.
194933. No. 9300. 194936. No. 9303.
194934. No. 9301.
194937. No. 9408. Near Gorgora. Jan. 6, 1951.
194938. No. 9409. Near Gorgora. Jan. 6, 1951.
- 194939 to 194941. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.
194939. No. 9315. Market, Gondar. Dec. 31, 1950.
194940. No. 9316. Market, Gondar. Dec. 31, 1950.
194941. No. 9381. Abasamuele. Jan. 2, 1951.
194942. *HIBISCUS* sp. Malvaceae.
- No. 9364. Gondar. Jan. 1, 1951.
- 194943 to 194992. *HORDEUM* spp. Poaceae. Barley.
- 194943 to 194980. Market, Gondar.
- 194943 to 194958. *HORDEUM VULGARE* L. Common barley.
194943. No. 9235. 194951. No. 9243.
194944. No. 9236. 194952. No. 9244.
194945. No. 9237. 194953. No. 9245.
194946. No. 9238. 194954. No. 9246.
194947. No. 9239. 194955. No. 9247.
194948. No. 9240. 194956. No. 9248.
194949. No. 9241. 194957. No. 9249.
194950. No. 9242. 194958. No. 9250.
194959. *HORDEUM DEFICIENS* Steud. Deficient barley.
- No. 9251.
- 194960 to 194963. *HORDEUM VULGARE* L. Common barley.
194960. No. 9252. 194962. No. 9254.
194961. No. 9253. 194963. No. 9255.
194964. *HORDEUM DEFICIENS* Steud. Deficient barley.
- No. 9256.
- 194965 to 194973. *HORDEUM VULGARE* L. Common barley.
194965. No. 9257. 194970. No. 9341.
194966. No. 9258. 194971. No. 9342.
194967. No. 9259. 194972. No. 9343.
194968. No. 9260. 194973. No. 9344.
194969. No. 9340.
194974. *HORDEUM DEFICIENS* Steud. Deficient barley.
- No. 9345.
- 194975 to 194979. *HORDEUM VULGARE* L. Common barley.
194975. No. 9346. 194978. No. 9354.
194976. No. 9349. 194979. No. 9355.
194977. No. 9352.

## 194891 to 195119.—Continued

194943 to 194992.—Continued

194943 to 194980.—Continued

194980. *HORDEUM IRREGULARE* Åberg & Wiebe.

No. 9356.

194981 to 194992. *HORDEUM VULGARE* L.

Common barley.

194981 to 194983. Market, Gondar.

194981. No. 9440.

194982. No. 9442.

194983. No. 9455.

194984 to 194992. Market, Addis Ababa.

194984. No. 9474.

194989. No. 9482.

194985. No. 9476.

194990. No. 9483.

194986. No. 9479.

194991. No. 9484.

194987. No. 9480.

194992. No. 9485.

194988. No. 9481.

194993. *IPOMOEA* sp. Convolvulaceae.

No. 9406. Gorgora. Jan. 6, 1951.

194994. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae.

Calabash gourd.

No. 9359. Gondar. Jan. 1, 1951.

194995. *LATHYRUS CICERA* L. Fabaceae.

No. 9412. Near Gorgora. Jan. 6, 1951.

194996 to 194999. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

194996. No. 9313. Market, Gondar. Dec. 31, 1950.

194997. No. 9314. Market, Gondar. Dec. 31, 1950.

194998. No. 9380. Abasamuele. Jan. 2, 1951.

194999. No. 9417. North of Gorgora. Jan. 6, 1951.

195000. *LOLIUM* sp. Poaceae.

No. 9452. Market, Gondar. Dec. 31, 1950.

195001 to 195006. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

195001. No. 9197. Market, Jimma. Dec. 14, 1950.

195002. No. 9261. Market, Gondar. Dec. 31, 1950.

195003. No. 9262. Market, Gondar. Dec. 31, 1950.

195004. No. 9263. Market, Gondar. Dec. 31, 1950.

195005. No. 9399. Gorgora. Jan. 6, 1951.

195006. No. 9400. Gorgora. Jan. 6, 1951.

195007 and 195008. *MIMUSOPS ZEYHERI* Sond. Sapotaceae.

195007. No. 9332. Market, Gondar. Dec. 31, 1950.

195008. No. 9401. Gorgora. Jan. 6, 1951.

195009. *MUSA ENSETE* Gmel. Musaceae.

Abyssinian banana.

No. 9208. Jimma. Dec. 14, 1950.

195010 and 195011. *NIGELLA SATIVA* L. Ranunculaceae.

Black cumin.

195010. No. 9331. Market, Gondar. Dec. 31, 1950.

195011. No. 9411. Between Gorgora and Coladiba. Jan. 6, 1951.



## 194891 to 195119.—Continued

195012. *ORYZA SATIVA* L. Poaceae. Rice.  
No. 9433. Lake Tana. December 1950.
195013. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.  
No. 9385. Abasamuele. Jan. 2, 1951.
- 195014 to 195016. *PHASEOLUS VULGARIS* L. Common bean.  
From Abasamuele. Jan. 2, 1951.
195014. No. 9383.
195015. No. 9384.
195016. No. 9391.
- 195017 to 195027. *PISUM SATIVUM* L. Fabaceae. Pea.  
195017 to 195024. Market, Gondar. Dec. 31, 1950.
- |                   |                   |
|-------------------|-------------------|
| 195017. No. 9289. | 195021. No. 9293. |
| 195018. No. 9290. | 195022. No. 9294. |
| 195019. No. 9291. | 195023. No. 9295. |
| 195020. No. 9292. | 195024. No. 9296. |
195025. No. 9456. Abasamuele. Jan. 2, 1951.
195026. No. 9469. Market, Addis Ababa. Jan. 17, 1951.
195027. No. 9470. Market, Addis Ababa.
- 195028 and 195029. *PHYTOLACCA ABYSSINICA* Hoffm. Phytolaccaceae.
195028. No. 9462. Gondar. Jan. 12, 1951.
195029. No. 9468. Market, Addis Ababa. Jan. 17, 1951.
- 195030 to 195034. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.
195030. No. 9392. Island, Lake Tana. Jan. 5, 1951.
195031. No. 9396. Gorgora. Jan. 6, 1951.
195032. No. 9443. Market, Gondar. Jan. 8, 1951.
195033. No. 9444. Market, Gondar. Jan. 8, 1951.
195034. No. 9445. Market, Gondar. Jan. 8, 1951.
195035. *RUBUS* sp. Rosaceae.  
No. 9234. Akaka. Dec. 20, 1950. Cultivated raspberry.
195036. *KALANCHOE* sp. Crassulaceae.  
No. 9467. Gondar. Jan. 12, 1951. Cultivated.
195037. *SETARIA PALLIDIFUSCA* (Schumach.) Stapf & Hubb. Poaceae.  
No. 9451. Market, Gondar. Dec. 31, 1950.
- 195038 to 195044. *SORGHUM VULGARE* Pers. Poaceae.
195038. No. 9327. Market, Gondar. Dec. 31, 1950.
195039. No. 9419. Near Gorgora. Jan. 6, 1951.
195040. No. 9420. Near Gorgora. Jan. 6, 1951.
195041. No. 9421. Near Gorgora. Jan. 6, 1951.
195042. No. 9446. Market, Gondar. Jan. 8, 1951.
195043. No. 9486. Market, Gondar. Dec. 31, 1950.
195044. No. 9487. Market, Gondar. Dec. 31, 1950.

## 194891 to 195119.—Continued

- 195045 to 195107. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
- 195045 to 195068. Market, Gondar. Dec. 31, 1950.
- |                   |                   |
|-------------------|-------------------|
| 195045. No. 9264. | 195057. No. 9277. |
| 195046. No. 9266. | 195058. No. 9278. |
| 195047. No. 9267. | 195059. No. 9279. |
| 195048. No. 9268. | 195060. No. 9280. |
| 195049. No. 9269. | 195061. No. 9281. |
| 195050. No. 9270. | 195062. No. 9282. |
| 195051. No. 9271. | 195063. No. 9283. |
| 195052. No. 9272. | 195064. No. 9284. |
| 195053. No. 9273. | 195065. No. 9285. |
| 195054. No. 9274. | 195066. No. 9286. |
| 195055. No. 9275. | 195067. No. 9311. |
| 195056. No. 9276. | 195068. No. 9348. |
195069. No. 9418. Near Gorgora. Jan. 6, 1951.
- 195070 to 195077. Dabat, 40 miles north of Gondar. Jan. 5, 1951.
- |                   |                   |
|-------------------|-------------------|
| 195070. No. 9424. | 195074. No. 9428. |
| 195071. No. 9425. | 195075. No. 9429. |
| 195072. No. 9426. | 195076. No. 9430. |
| 195073. No. 9427. | 195077. No. 9431. |
- 195078 to 195084. Market, Gondar. Jan. 8, 1951.
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|-------------------|-------------------|
| 195078. No. 9434. | 195082. No. 9438. |
| 195079. No. 9435. | 195083. No. 9439. |
| 195080. No. 9436. | 195084. No. 9441. |
| 195081. No. 9437. |                   |
- 195085 to 195087. Market, Addis Ababa. Jan. 17, 1951.
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|-------------------|--|
| 195085. No. 9471. |  |
| 195086. No. 9472. |  |
| 195087. No. 9473. |  |
- 195088 to 195099. Market, Gondar. Dec. 31, 1950.
- |                   |                   |
|-------------------|-------------------|
| 195088. No. 9265. | 195094. No. 9310. |
| 195089. No. 9305. | 195095. No. 9312. |
| 195090. No. 9306. | 195096. No. 9347. |
| 195091. No. 9307. | 195097. No. 9353. |
| 195092. No. 9308. | 195098. No. 9358. |
| 195093. No. 9309. | 195099. No. 9448. |
195100. No. 9453. Dabat. Jan. 5, 1951.
195101. No. 9475. Addis Ababa. Jan. 17, 1951.
195102. No. 9477. Addis Ababa. Jan. 17, 1951.
195103. No. 9304. Market, Gondar. Dec. 31, 1950.
195104. No. 9357. Market, Gondar. Dec. 31, 1950.
195105. No. 9449. Market, Gondar. Dec. 31, 1950.
195106. No. 9454. Market, Dabat. Jan. 5, 1951.
195107. No. 9478. Market, Addis Ababa. Jan. 17, 1951.

## 194891 to 195119.—Continued

195108 to 195111. VICIA FABA L. Fabaceae. Broadbean.

195108. No. 9287. Market, Gondar. Dec. 31, 1950.

195109. No. 9288. Market, Gondar. Dec. 31, 1950.

195110. No. 9378. Abasamuele. Jan. 2, 1951.

195111. No. 9379. Abasamuele. Jan. 2, 1951.

195112 to 195119. ZEA MAYS L. Poaceae. Corn.

195112. No. 9193. Market, Jimma. Dec. 14, 1950.

195113. No. 9297. Market, Gondar. Dec. 31, 1950.

195114. No. 9298. Market, Gondar. Dec. 31, 1950.

195115 to 195119. Abasamuele. Jan. 2, 1951.

195115. No. 9386. 195118. No. 9389.

195116. No. 9387. 195119. No. 9390.

195117. No. 9388.

## 195120 to 195124.

From China. Seeds presented by Raymond Baker, Hi-Bred Corn Company, Johnston, Iowa. Received Apr. 23, 1951.

195120. LINUM USITATISSIMUM L. Linaceae. Flax.

*Pernan.* Originally from the Soviet Union. High yielding.

195121 to 195123. SESAMUM INDICUM L. Pedaliaceae. Sesame.

195121. *Long Capsule.* Shangsi. Stem solitary; 4-row.195122. *Par-wang-pien.* Nonan. Stem solitary; 4-row, short-capsuled.195123. *Ta-pa-cha.* Hopei. Stem branched; 8-row, short-capsuled.

195124. TRITICUM AESTIVUM L. Poaceae. Common wheat.

*Peiping Winter H. N.*

## 195125. HIBISCUS sp. Malvaceae.

From Southern Rhodesia. Seed collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 23, 1951.

No. A-103. 14 miles east of Marandellas. Mar. 26, 1951. Plant up to 7 feet high; flowers yellow with maroon blotches.

## 195126 to 195128. CITRUS spp. Rutaceae.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 5, 1951.

195126. CITRUS AURANTIFOLIA (Christm.) Swingle. Lime.

No. 9790. Market, Dessie. Cultivated. Feb. 24, 1951.

195127. CITRUS RETICULATA Blanco. Mandarin orange.

No. 9898. Market, Dessie. Cultivated tangerine.

195128. CITRUS sp.

No. 9899. Market, Dessie. Cultivated.

## 195129 to 195132. PRUNUS PERSICA (L.) Batsch. Amygdalaceae. Peach.

From Canada. Trees presented by the Horticultural Experiment Station, Vineland, Ontario. Received Apr. 5, 1951.

195129. *Somervae (39011).* 195131. *Erlyree.*195130. *Vesper.* 195132. *39082.*

**195133. ILEX CORNUTA Lindl. & Paxt. Aquifoliaceae.****Chinese holly.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered May 10, 1951.

**195134. OSMANTHUS. Oleaceae.**

From California. Plant growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered in May 1951.

*San Jose Hybrid.* (*Osmanthus aurantiacus* × *ilicifolius*.)

Originally presented by W. B. Clarke and Company, San Jose, Calif., in 1936.

**195135 and 195136. CLAPPERTONIA spp. Tiliaceae.**

From Liberia. Seeds collected by W. J. Harley, Ganta. Received May 11, 1951.

**195135.** CLAPPERTONIA FICIFOLIA (Willd.) Druce.

**195136.** CLAPPERTONIA MINOR (Baill.) Becherer.

**195137 and 195138. CROTALARIA spp. Fabaceae.**

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Cape Province. Received Apr. 5, 1951.

**195137.** CROTALARIA CAPENSIS Jacq.

**195138.** CROTALARIA MACROCARPA E. Mey.

**195139 to 195156. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From the Netherlands. Tubers presented by the Directeur, Van Het Instituut voor Rassenonderzoek van Landbouw Gewassen, Wageningen. Received Apr. 4, 1951.

**195139.** G.T. 40-48.

**195148.** G.T. 43-68.

**195140.** G.T. 40-55.

**195149.** G.T. 44-40.

**195141.** G.T. 40-78.

**195150.** G.T. 44-41.

**195142.** G.T. 40-130.

**195151.** G.T. 44-42.

**195143.** G.T. 41-7.

**195152.** G.T. 44-45.

**195144.** G.T. 41-11.

**195153.** G.T. 44-46.

**195145.** G.T. 41-19.

**195154.** G.T. 44-57.

**195146.** G.T. 43-21.

**195155.** G.T. 44-72.

**195147.** G.T. 43-64.

**195156.** G.T. 44-79.

**195157 to 195159.**

From South-West Africa. Seeds presented by Trewin G. Gerick, Post Resburank, Usakos. Received Apr. 6, 1951.

**195157.** ACACIA ALBIDA Delile. Mimosaceae.

*Anna Tree.*

**195158.** BAUHINIA ESCULENTA Burchell. Caesalpiniaceae.

*Tamania Bean.*

**195159.** STIZOLOBIUM sp. Fabaceae.

**195160 to 195172. SOLANUM spp. Solanaceae.**

From England. Seeds presented by Dr. K. S. Dodds, Officer-in-Charge, Commonwealth Potato Collection, Huntingdon Road, Cambridge. Received Apr. 9, 1951.

**195160 to 195172.—Continued****195160 and 195161.** SOLANUM ACAULE Bitter.

195160. C.P.C. 528.7.1.

195161. C.P.C. 528.7.2.

**195162 and 195163.** SOLANUM ANDIGENUM Juz. & Buk.

195162. C.P.C. 300.

195163. C.P.C. 1384.

**195164.** SOLANUM ANTIPOVICHII Buk.

C.P.C. 2092.

**195165.** SOLANUM DEMISSUM Lindl.

C.P.C. 43.2.

**195166.** SOLANUM LONGIPEDICELLATUM Bitter.

C.P.C. 2093.

**195167.** SOLANUM MALINCHENSE Hawkes.

C.P.C. 12.1.

**195168.** SOLANUM SANTOLALLAE Vargas.

C.P.C. 2078.2.

**195169.** SOLANUM TLAXCALENSE Hawkes.

C.P.C. 9.

**195170 to 195172.** SOLANUM VERRUCOSUM Schlecht.

195170. C.P.C. 54.3.

195171. C.P.C. 1340.2.

195172. C.P.C. 54.4.

**195173 to 195214.** SOLANUM spp. Solanaceae.**Potato.**

From England. Tubers presented by Dr. K. S. Dodds, Officer-in-Charge, Commonwealth Potato Collection, Huntingdon Road, Cambridge. Received Apr. 9, 1951.

**195173.** SOLANUM AHANHUIRI Juz. & Buk.

C.P.C. 232.

**195174.** SOLANUM BERTHAULTII Hawkes.

C.P.C. 283.

**195175.** SOLANUM CARDIOPHYLLUM Lindl.

C.P.C. 25a.

**195176 to 195179.** SOLANUM CHAUCHA Juz. & Buk.

195176. C.P.C. 453.

195178. C.P.C. 1493b.

195177. C.P.C. 552a.

195179. C.P.C. 1689.

**195180.** SOLANUM COERULEIFLORUM Hawkes.

C.P.C. 1510a.

**195181 and 195182.** SOLANUM CURTILOBUM Juz. & Buk.

195181. C.P.C. 221.

195182. C.P.C. 380.

**195183.** SOLANUM GARCIAE Juz. & Buk.

C.P.C. 1158.

## 195173 to 195214.—Continued

195184. *SOLANUM GIBBERULOSUM* Juz. & Buk.  
C.P.C. 1157.
195185. *SOLANUM GIGANTOPHYLLUM* Bitter.  
C.P.C. 1770.2.
- 195186 to 195188. *SOLANUM GONIOCALYX* Juz. & Buk.  
195186. C.P.C. 414.  
195187. C.P.C. 436.  
195188. C.P.C. 1514.
- 195189 and 195190. *SOLANUM JAMESII* Torr.  
195189. C.P.C. 1394.  
195190. C.P.C. 1439.
- 195191 and 195192. *SOLANUM KESSELBRENNERI* Juz. & Buk.  
195191. C.P.C. 836.1.  
195192. C.P.C. 836.2.
195193. *SOLANUM LANCIFORME* Rydb.  
C.P.C. (40.6 × 40.7).2.
195194. *SOLANUM LECHNOVICZII* Hawkes.  
C.P.C. 485.13.
195195. *SOLANUM LONGIPEDICELLATUM* Bitter.  
C.P.C. 28.2.
195196. *SOLANUM MAMILLIFERUM* Juz. & Buk.  
C.P.C. 717.
195197. *SOLANUM PHUREJA* Juz. & Buk.  
C.P.C. 325.
- 195198 and 195199. *SOLANUM RYBINII* Juz. & Buk.  
195198. C.P.C. 979.  
195199. C.P.C. 1311.
195200. *SOLANUM SIMPLICIFOLIUM* Bitter.  
C.P.C. 51a.
- 195201 and 195202. *SOLANUM SOUKUPII* Hawkes.  
195201. C.P.C. 530.11.  
195202. C.P.C. 530.12.
- 195203 to 195205. *SOLANUM STENOTOMUM* Juz. & Buk.  
195203. C.P.C. 397.  
195204. C.P.C. 712.  
195205. C.P.C. 1778.
195206. *SOLANUM TARIJENSE* Hawkes.  
C.P.C. 1727.3.
- 195207 to 195209. *SOLANUM TENUIFILAMENTUM* Juz. & Buk.  
195207. C.P.C. 680.  
195208. C.P.C. 1066.  
195209. C.P.C. 1610.
195210. *SOLANUM TORALAPANUM* Cardenas & Hawkes.  
C.P.C. 1773.

## 195173 to 195214.—Continued

195211 and 195212. *SOLANUM TUBEROSUM* L.

Potato.

195211. C.P.C. 1704.

195212. C.P.C. 1717.

195213 and 195214. *SOLANUM YABARI* Hawkes.

195213. C.P.C. 1490.

195214. C.P.C. 1793.

## 195215 to 195232.

From Africa. Bulbs collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 9, 1951.

Collected in March 1951 in Southern Rhodesia unless otherwise noted.

195215. *BOOPHONE DISTICHA* (L.f.) Herbert. Amaryllidaceae.

No. A-100. Fifty-one miles west of Riverside.

195216. *CRINUM* sp. Amaryllidaceae.

No. A-89. Thirteen miles from Fort Victoria.

195217. *CRINUM* sp.

No. A-99. Fifty-one miles west of Riverside.

195218. *EUCOMIS REGIA* Ait. Liliaceae.

No. A-90. Thirteen miles from Fort Victoria. Leaves rosette forming; flowers greenish yellow.

195219. *EUCOMIS* sp. Liliaceae.

No. A-98. Melsetter.

195220. *HYPOXIS ROOPERII* T. Moore. Amaryllidaceae.

No. A-91. Twelve miles from Zimbabwe.

195221. *HYPOXIS* sp.

No. A-102. Fifty-one miles west of Riverside.

195222. *SCILLA* sp. Liliaceae.

No. A-96. Seventeen miles east of Fort Victoria.

195223. (Undetermined.)

No. A-86. Ten miles south of Pinaar's River, Transvaal.

195224. *SCILLA* sp. Liliaceae.

No. A-92. Twelve miles from Zimbabwe.

195225. *SCILLA* sp.

No. A-93. Fourteen miles from Zimbabwe.

195226. *SCILLA* sp.

No. A-97. Seventeen miles east of Fort Victoria.

195227. *SCILLA* sp.

No. A-101. Fifty-one miles west of Riverside.

195228. *AMMOCHARIS CORANICA* Herb. Amaryllidaceae.

No. A-85. Ten miles south of Pinaar's River, Transvaal.

195229. (Undetermined.)

No. A-87. On road to Fort Victoria, 48 miles north of Southern Rhodesia customhouse (Beit Bridge).

**195215 to 195232.—Continued**

195230. (Undetermined.)

No. A-88. On road to Fort Victoria, 109 miles north of Southern Rhodesia customhouse (Beit Bridge).

195231. (Undetermined.)

No. A-94. Seventeen miles east of Fort Victoria.

195232. (Undetermined.)

No. A-95. Seventeen miles east of Fort Victoria.

**195233 to 195245. ZEA MAYS L. Poaceae. Corn.**

From Israel. Seeds presented by A. Shlomi, Government Agricultural Experiment Station, Neveh-Yaar, Haifa. Received Apr. 9, 1951.

195233. Hungary O. P. Bankut 01.

195234. Hungary O. P. Bankut 02.

195235. Hungary O. P. F 06.

195236. Hungary O. P. Lovasf 03.

195237. Hungary O. P. Majbath 04.

195238. Hungary O. P. Mesterhafg 010.

195239. Hungary O. P. Petterd OF.

195240. Israel O. P. G. C.

195241. Israel O. P. Gherkes.

195242. Rumania O. P. Ciocantin 3.

195243. Rumania O. P. De Aries.

195244. Rumania O. P. H. Saulescu.

195245. Rumania O. P. Portocaliu.

**195246. ZEA MAYS L. Poaceae. Corn.**

From Guatemala. Seeds presented by Robert C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Apr. 9, 1951.

*Maiz Cuarentana.* From Jacaltenango, Huehuetenango; altitude 2,000 to 4,500 feet in limestone area. Tassels in about 60 days or less.**195247 to 195251. FRAGARIA. Rosaceae. Strawberry.**

From Turkey. Plants obtained through the American Consul, Istanbul. Received Apr. 10, 1951.

Collected by Prof. Alfred Heilbronn, University of Istanbul.

195247. *5-Biiber.*195250. *10-Osmanle.*195248. *11-Frenk.*195251. *7-Year Vecers.*195249. *8-Mangro.***195252 and 195253. FRAGARIA. Rosaceae. Strawberry.**

From Denmark. Plants presented by Dr. Soren Norlund Christensen, Aulum. Received Apr. 10, 1951.

195252. *Freja.*195253. *Ydun.***195254 and 195255. STROPHANTHUS spp. Apocynaceae.**

From Africa. Seeds presented by Dr. Joseph Monachino, New York Botanical Garden, Bronx Park, N. Y. Received Apr. 11, 1951.



**195254 and 195255.—Continued**

**195254.** *STROPHANTHUS CONGOENSIS* Franch.

French Cameroons.

**195255.** *STROPHANTHUS NICHOLSONII* Holmes.

Nyasaland.

**195256 to 195259. VERATRUM spp. Liliaceae.**

From Ireland. Seeds presented by the National Botanic Gardens, Glasnevin, Dublin. Received Apr. 11, 1951.

**195256.** *VERATRUM ALBUM* L.

**195257.** *VERATRUM CALIFORNICUM* Durand.

**195258.** *VERATRUM NIGRUM* L.

**195259.** *VERATRUM VIRIDE* Ait.

**195260 to 195271.**

From the Union of South Africa. Seeds collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 11, 1951.

Collected in 1951.

**195260.** *ALOE SAPONARIA* (Ait.) Haw. Liliaceae.

No. A-29. Knysna, Cape Province. Feb. 5.

**195261.** *AMELLUS LYCHNITIS* L. Asteraceae.

No. A-174c. Viljoen's Pass, Cape Province. January.

**195262.** *ANAPALINA* sp. Iridaceae.

No. A-174d. Viljoen's Pass, Cape Province. January.

**195263.** *BRUNSVIGIA RADULOSA* Herb. Amaryllidaceae.

No. A-69. Twelve miles south of Carolina, Transvaal. Mar. 6.

**195264.** *HAEMANTHUS* sp. Amaryllidaceae.

No. A-84. Twenty-eight miles from Lydenburg, road to Dullstroom, Transvaal. Mar. 10.

**195265.** *HELICHRYSUM VESTITUM* Schrank. Asteraceae.

No. A-174e. Viljoen's Pass, Cape Province. January.

**195266.** *ORNITHOGALUM* sp. Liliaceae.

No. A-35. Ten miles from Grahamstown, Port Elizabeth Road. Feb. 9.

**195267.** *ORNITHOGALUM CAUDATUM* Ait.

No. A-172. George, Cape Province. Feb. 5.

**195268.** *ORNITHOGALUM* sp.

No. A-11. Hopefield Road, Cape Province. Jan. 26.

**195269.** *PROTEA* sp. Proteaceae.

No. A-174b. Vicinity of Cape Town, Cape Province. Jan. 26.

**195270.** *WATSONIA* sp. Iridaceae.

No. A-173. Darling, Cape Province. Jan. 26.

**195271.** *WATSONIA ANGUSTA* Ker.

No. A-174. Near Oudebosch, Cape Province. Feb. 6.

**195272 to 195274. TRIFOLIUM PRATENSE L. Fabaceae.**

**Red clover.**

From Sweden. Seeds presented by the Sveriges Utsädesförenings, Svalöf. Received Apr. 13, 1951.

**195272 to 195274.—Continued**195272. *Merkue*.195273. *SV-026*.195274. *SV-034*.**195275 to 195277.**

From New York. Seeds presented by Mrs. James E. Winfield, Painted Post.  
Received Apr. 13, 1951.

195275 and 195276. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

195275. Originally from France.

195276. Originally from Guatemala. Fruit very hot.

195277. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.****195278 to 195281. FRAGARIA. Rosaceae. Strawberry.**

From France. Plants presented by Vilmorin-Andrieux, Paris. Received Apr.  
16, 1951.

195278. *Climax*.195280. *Dr. Morere*.195279. *Huxley*.195281. *Royal Sovereign*.**195282 to 195284.**

From Formosa. Seeds presented by Prof. Yuen-Liang Ku, National Taiwan  
University, Taipei. Received Apr. 20, 1951.

195282 and 195283. *CORCHORUS CAPSULARIS* L. Tiliaceae. **Jute.**195282. *Taichung Special No. 1*.195283. *Taichung Pink*.195284. *PHYLLOSTACHYS MAKINOI* Hayata. Poaceae. **Bamboo.****195285 to 195470.**

From Guatemala. Seeds collected by Oliver M. Norvell, Agricultural Ex-  
plorer, Bureau of Plant Industry, Soils, and Agricultural Engineering,  
Beltsville, Md. Received Apr. 16, 1951.

Collected in March 1951.

195285. *ARISTOLOCHIA* sp. Aristolochiaceae.

No. 2636. Estación Jalapa, Jalapa.

195286. *ASCLEPIAS* sp. Asclepiadaceae.

No. 2618. Toward Gualán from Zacapa, Zacapa.

195287. *ASCLEPIAS* sp.

No. 2638. Estación Jalapa, Jalapa.

195288. *CALOPOGONIUM CAERULEUM* (Benth.) Hemsl. Fabaceae.

No. 2752. Near Retalhuleu, Retalhuleu.

195289. *CANAVALIA* sp. Fabaceae.

No. 2611. Near Santa Cruz, Zacapa.

195290. *CANAVALIA* sp.

No. 2629. Toward Gualán from Zacapa, Zacapa.

195291. *CANAVALIA* sp.

No. 2681. Near Volcán Santa Maria, Quezaltenango.

195292. *CANAVALIA* sp.

No. 2686. Near Volcán Santa Maria, Quezaltenango.

195293. *CANAVALIA* sp.

No. 2757. Near Retalhuleu, Retalhuleu.

## 195285 to 195470.—Continued

195294. *CANAVALIA* sp.

No. 2781. Barranca near Chimaltenango, Chimaltenango.

195295 to 195303. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

195295. No. 2574. Market, Huehuetenango, Huehuetenango.

195296. No. 2575. Market, Huehuetenango, Huehuetenango.

195297. No. 2607. Market, Zacapa, Zacapa.

195298. No. 2727. Market, Totonicapán, Totonicapán.

195299. No. 2645. Market, Jalapa, Jalapa.

195300 to 195303. Market, Quezaltenango, Quezaltenango.

195300. No. 2674.

195302. No. 2676.

195301. No. 2675.

195303. No. 2677.

195304. *CASSIA RETICULATA* Willd. Caesalpiniaceae.

No. 2758. Near Retalhuleu, Retalhuleu.

195305. *CENTROSEMA BRASILIANUM* (L.) Benth. Fabaceae.

No. 2610. Near Santa Cruz, Zacapa.

195306. *CERCIDIUM* sp. Caesalpiniaceae.

No. 2782. Barranca near Chimaltenango, Chimaltenango.

195307 to 195309. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

195307. No. 2594. Market, Zacapa, Zacapa.

195308. No. 2697. San Juan, near Quezaltenango, Quezaltenango.

195309. No. 2728. Market, Totonicapán, Totonicapán.

195310. *COFFEA* sp. Rubiaceae.

Coffee.

No. 2606. Market, Zacapa, Zacapa.

195311 and 195312. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

195311. No. 2604. Market, Zacapa, Zacapa.

195312. No. 2646. Market, Jalapa, Jalapa.

195313. *CUCURBITA* sp.

No. 2634a. Estación Jalapa, 40 km. from Jalapa, Jalapa.

195314. *CUCURBITA* sp.

No. 2634b. Estación Jalapa, 40 km. from Jalapa, Jalapa.

195315. *ERYTHRINA* sp. Fabaceae.

No. 2685. Near Volcán Santa Maria, Quezaltenango.

195316. *GALACTIA* sp. Fabaceae.

No. 2626. Near Gualán, Zacapa.

195317 to 195320. *HORDEUM DISTICHON* L. Poaceae.

Barley.

195317. No. 2698. Market, San Juan, Quezaltenango.

195318. No. 2725. Market, Totonicapán, Totonicapán.

195319. No. 2744. Market, Mazatenango, Suchitepéquez.

195320. No. 2747. Near Sololá, Sololá.

195321. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae.

Calabash gourd.

No. 2624. Toward Gualán from Zacapa, Zacapa.

## 195285 to 195470.—Continued

- 195322 to 195325. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 195322. No. 2773. Market, Antigua, Sacatepéquez.  
 195323. No. 2779. Market, Escuintla, Escuintla.  
 195324. No. 2783. Market, Tecpán, Chimaltenango.  
 195325. No. 2784. Market, Tecpán, Chimaltenango.
195326. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. **Suakwa towelgourd.**  
 No. 2632. Gualán, Zacapa.
195327. *PACHYRHIZUS* sp. Fabaceae.  
 No. 2621. Toward Gualán from Zacapa, Zacapa.
195328. *PACHYRHIZUS* sp.  
 No. 2625. Toward Gualán from Zacapa, Zacapa.
195329. *PACHYRHIZUS* sp.  
 No. 2760. Near Retalhuleu, Retalhuleu.
195330. *PHASEOLUS ADENANTHUS* G. Meyer. Fabaceae.  
 No. 2713. Near Quezaltenango, Quezaltenango.
195331. *PHASEOLUS CALCARATUS* Roxb. **Rice bean.**  
 No. 2647. Market, Jalapa, Jalapa.
- 195332 to 195337. *PHASEOLUS CARACALLA* L. **Snail bean.**  
 195332. No. 2612. Near Santa Cruz, Jalapa.  
 195333. No. 2622. Near Gualán, Zacapa.  
 195334. No. 2640. Jalapa, Jalapa.  
 195335. No. 2683. Near Volcán Santa Maria, Quezaltenango.  
 195336. No. 2751. Near Retalhuleu, Retalhuleu.  
 195337. No. 2754. Near Retalhuleu, Retalhuleu.
195338. *PHASEOLUS VULGARIS* L. **Common bean.**  
 No. 2730. Market, Totonicapán, Totonicapán.
- 195339 to 195345. *PHASEOLUS LUNATUS* L. **Lima bean.**  
 195339. No. 2603. Market, Zacapa, Zacapa.  
 195340 to 195342. Market, Jalapa, Jalapa.  
 195340. No. 2649.  
 195341. No. 2650.  
 195342. No. 2656.  
 195343. No. 2660. Market, Jutiapa, Jutiapa.  
 195344. No. 2737. Market, Mazatenango, Suchitepéquez.  
 195345. No. 2739. Market, Mazatenango, Suchitepéquez.
195346. *PHASEOLUS STROBILIPHORUS* (B. L. Robins.) Morton.  
 No. 2684. Near Volcán Santa Maria, Quezaltenango.
- 195347 to 195402. *PHASEOLUS VULGARIS* L. **Common bean.**  
 195347. No. 2778. Market, Escuintla, Escuintla.  
 195348 to 195351. Market, Tecpán, Chimaltenango.  
 195348. No. 2785. 195350. No. 2787.  
 195349. No. 2786. 195351. No. 2788.  
 195352. No. 2669. Quezaltenango, Quezaltenango.

## 195285 to 195470.—Continued

## 195347 to 195402.—Continued

195353. No. 2672. Quezaltenango, Quezaltenango.

195354 to 195356. Market, Huehuetenango, Huehuetenango.

195354. No. 2587.

195355. No. 2588.

195356. No. 2589.

195357. No. 2598. Market, Zacapa, Zacapa.

195358. No. 2590. Huehuetenango, Huehuetenango.

195359. No. 2591. Antigua, Sacatepéquez.

195360. No. 2592. Market, Guatemala City.

195361. No. 2599. Market, Zacapa, Zacapa.

195362. No. 2600. Market, Zacapa, Zacapa.

195363. No. 2741. Market, Mazatenango, Suchitepéquez.

195364 to 195371. Market, Jalapa, Jalapa.

195364. No. 2639.

195368. No. 2654.

195365. No. 2651.

195369. No. 2655.

195366. No. 2652.

195370. No. 2657.

195367. No. 2653.

195371. No. 2658.

195372. No. 2673. Market, Quezaltenango, Quezaltenango.

195373. No. 2659. Market, Jalapa, Jalapa.

195374. No. 2661. Market, Jutiapa, Jutiapa.

195375 to 195382. Market, Quezaltenango, Quezaltenango.

195375. No. 2663.

195379. No. 2667.

195376. No. 2664.

195380. No. 2668.

195377. No. 2665.

195381. No. 2670.

195378. No. 2666.

195382. No. 2671.

195383. No. 2699. Market, San Juan, Quezaltenango.

195384. No. 2700. Market, San Juan, Quezaltenango.

195385. No. 2708. Market, Olinstepeque, Quezaltenango.

195386. No. 2717. Market, Salcajá, Quezaltenango.

195387. No. 2718. Market, Salcajá, Quezaltenango.

195388. No. 2729. Market, Totonicapán, Totonicapán.

195389. No. 2731. Market, Totonicapán, Totonicapán.

195390 to 195393. Market, Mazatenango, Suchitepéquez.

195390. No. 2736.

195392. No. 2740.

195391. No. 2738.

195393. No. 2742.

195394. No. 2746. Retalhuleu, Retalhuleu.

195395. No. 2749. Retalhuleu, Retalhuleu.

195396 to 195400. Market, Antigua, Sacatepequez.

195396. No. 2766.

195399. No. 2769.

195397. No. 2767.

195400. No. 2771.

195398. No. 2768.

195401. No. 2776. Market, Escuintla, Escuintla.

195402. No. 2777. Market, Escuintla, Escuintla.

## 195285 to 195470.—Continued

195403. PHASEOLUS sp.

No. 2648. Market, Jalapa, Jalapa. Mixed sample.

195404 and 195405. PISUM SATIVUM L. Fabaceae.

Pea.

195404. No. 2706. Market, Olinstepeque, Quezaltenango.

195405. No. 2707. Market, Olinstepeque, Quezaltenango.

195406. PITHECELLOBIUM sp. Mimosaceae.

No. 2623. Toward Gualán from Zacapa, Zacapa.

195407. SALVIA HISPANICA L. Menthaceae.

No. 2750. Market, Retalhuleu, Retalhuleu.

195408. SMILACINA sp. Convallariaceae.

No. 2712. Olinstepeque, Quezaltenango.

195409. SORGHUM VULGARE Pers. Poaceae.

No. 2605. Market, Zacapa, Zacapa.

195410. SPONDIAS sp. Anacardiaceae.

No. 2756. Near Retalhuleu, Retalhuleu.

195411. STIZOLOBIUM sp. Fabaceae.

No. 2761. Near Retalhuleu, Retalhuleu.

195412. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

No. 2637. Jalapa, Jalapa.

195413 to 195415. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

195413. No. 2710. Market, Olinstepeque, Quezaltenango.

195414. No. 2726. Market, Totonicapán, Totonicapán.

195415. No. 2743. Market, Mazatenango, Suchitepéquez.

195416 and 195417. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.

195416. No. 2601. Market, Zacapa, Zacapa.

195417. No. 2602. Market, Zacapa, Zacapa.

195418. VINCETOXICUM sp. Asclepiadaceae.

No. 2619. Toward Gualán from Zacapa, Zacapa.

195419. VINCETOXICUM sp.

No. 2620. Toward Gualán from Zacapa, Zacapa.

195420. VINCETOXICUM sp.

No. 2635. Jalapa, Jalapa.

195421. VINCETOXICUM sp.

No. 2759. Near Retalhuleu, Retalhuleu.

195422 to 195470. ZEA MAYS L. Poaceae.

Corn.

195422 to 195432. Market, Huehuetenango, Huehuetenango.

195422. No. 2576.

195428. No. 2582.

195423. No. 2577.

195429. No. 2583.

195424. No. 2578.

195430. No. 2584.

195425. No. 2579.

195431. No. 2585.

195426. No. 2580.

195432. No. 2586.

195427. No. 2581.

## 195285 to 195470.—Continued

## 195422 to 195470.—Continued

195433 to 195435. Market, Zacapa, Zacapa.

195433. No. 2595.

195434. No. 2596.

195435. No. 2597.

195436 to 195438. Jalapa, Jalapa.

195436. No. 2642.

195437. No. 2643.

195438. No. 2644.

195439. No. 2679. Market, Quezaltenango, Quezaltenango.

195440. No. 2678. Market, Quezaltenango, Quezaltenango.

195441. No. 2662. Market, Jutiapa, Jutiapa.

195442. No. 2680. Market, Quezaltenango, Quezaltenango.

195443 to 195447. Market, San Juan, Quezaltenango.\*

195443. No. 2701.

195446. No. 2704.

195444. No. 2702.

195447. No. 2705.

195445. No. 2703.

195448. No. 2709. Market, Olinstepeque, Quezaltenango.

195449. No. 2711. Market, Olinstepeque, Quezaltenango.

195450 to 195452. Market, Salcajá, Quezaltenango.

195450. No. 2714.

195451. No. 2715.

195452. No. 2716.

195453 to 195458. Market, Totonicapán, Totonicapán.

195453. No. 2719.

195456. No. 2722.

195454. No. 2720.

195457. No. 2723.

195455. No. 2721.

195458. No. 2724.

195459 to 195462. Market, Mazatenango, Suchitepéquez.

195459. No. 2732.

195461. No. 2734.

195460. No. 2733.

195462. No. 2735.

195463. No. 2770. Market, Antigua, Guatemala.

195464. No. 2772. Market, Antigua, Guatemala.

195465. No. 2774. Market, Escuintla, Escuintla.

195466. No. 2775. Market, Escuintla, Escuintla.

195467 to 195470. Market, Tecpán, Chimaltenango.

195467. No. 2789.

195469. No. 2791.

195468. No. 2790.

195470. No. 2792.

## 195471 to 195474.

From Iran. Seeds obtained through H. V. Geib, American Embassy, Tehran.  
Received Apr. 17, 1951.

195471 and 195472. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.

195471. Esfahan, Tehran.

195472. *Longhor*, Esfahan, Tehran.

## 195471 to 195474.—Continued

195473 and 195474. *ORYZA SATIVA* L. Poaceae.

Rice.

195473. *Domsieh*; *Blacktail*. Gilan, Caspian region.195474. *Sadri*. Dizful. Excellent for cooking.

## 195475 to 195478.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg,  
Department of Agriculture, Pretoria, Transvaal. Received Apr. 17, 1951.

Grown at Rietvlei Research Station.

195475. *ANDROPOGON* sp. Poaceae.195476. *BROMUS CATHARTICUS* Vahl. Poaceae.

Rescue grass.

Nakuru type.

195477. *FESTUCA ARUNDINACEA* Schreb. Poaceae.195478. *LOTONONIS BAINESII* Baker. Fabaceae.

## 195479 to 195485.

From Sweden. Seeds presented by W. Weibull, Landskrona. Received Apr.  
17, 1951.

195479 and 195480. *AVENA SATIVA* L. Poaceae.

Oats.

195479. *Bambu-II*.195480. *Trio*.195481. *HORDEUM DISTICHON* L. Poaceae.

Barley.

*Balder*.195482. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

*Tetra*.195483. *TRIFOLIUM PRATENSE* L.

Red clover.

*Resistentia*.195484 and 195485. *TRIFOLIUM REPENS* L.

White clover.

195484. *Nora*.195485. *Robusta*.

## 195486 to 195491.

From Honduras. Roots collected by Oliver W. Norvell, Agricultural Ex-  
plorer, Bureau of Plant Industry, Soils, and Agricultural Engineering,  
Beltsville, Md. Received Apr. 18, 1951.

Collected Apr. 10, 1951 from Santa Marta, near San Pedro Sula, Cortés,  
unless otherwise noted.

195486. *DIOSCOREA* sp. Dioscoreaceae.No. 2904. *Redondo*.195487. *SMILAX LANCEOLATA* L. Smilacaceae.

No. 2903. *Cuculmeca*. Near Rio Iganto and Santa Rosa de Copán, Co-  
pán. Root used medicinally for rheumatism.

195488. *DIOSCOREA* sp. Dioscoreaceae.No. 2907. *Largo*.195489. *SMILAX LANCEOLATA* L. Smilacaceae.No. 2909. *Cuculmeca*.195490. *DIOSCOREA* sp. Dioscoreaceae.No. 2905. *Yampi*.195491. *COLOCASIA* sp. Araceae.No. 2906. *Malanga Chino*.



**195492 to 195496.**

From the Netherlands. Seeds presented by Dr. V. J. Konningsberger, Director, Botanic Garden, University of Utrecht. Received Apr. 18, 1951.

195492. *DATURA METELOIDES* DC. Solanaceae.

195493. *LINUM AFRICANUM* L. Linaceae.

195494. *LINUM AUSTRIACUM* L.

195495. *LINUM DECUMBENS* Desf.

195496. *LINUM FLAVUM* L.

**195497 to 195523. STROPHANTHUS spp. Apocynaceae.**

From New Jersey. Seeds presented by Dr. B. A. Krukoff, Merck & Company, Rahway. Received Apr. 20, 1951.

Original sources for this material indicated when known.

195497. *STROPHANTHUS ARNOLDIANUS* DeWild. & Dur.

No. 9R7837. Belgian Congo.

195498 and 195499. *STROPHANTHUS COURMONTII* Sacleux.

195498. No. 50R3454.

195499. No. 50R7124.

195500. *STROPHANTHUS DIVARICATUS* Hook. & Arn.

No. 50R2079. China.

195501 and 195502. *STROPHANTHUS EMINII* Aschers. & Pax.

195501. No. 9R8382. Tanganyika.

195502. No. 9R8972. Tanganyika.

195503. *STROPHANTHUS GERRARDII* Stapf.

No. 50R1471.

195504 and 195505. *STROPHANTHUS GRANDIFLORUS* (N. E. Brown) Gilg.

195504. No. 50R1470.

195505. No. 50R4951.

195506. *STROPHANTHUS GRATUS* (Wall. & Hook.) Baill.

No. 50R3633.

195507 to 195510. *STROPHANTHUS HISPIDUS* A. DC.

195507. No. 50R4195. Nigeria.

195508. No. 50R5846.

195509. No. 51R1041. India.

195510. No. 9R9112. French Cameroons.

195511. *STROPHANTHUS HYPOLEUCUS* Stapf.

No. 50R3634. Eastern Africa.

195512. *STROPHANTHUS INTERMEDIUS* Pax.

No. 50R6549.

195513. *STROPHANTHUS PREUSSII* Engl. & Pax.

No. 50R4192. Nigeria.

195514 to 195519. *STROPHANTHUS SARMENTOSUS* DC.

195514. No. 50R2431. Liberia.

195515. No. 50R3000. Gambia.

195516. No. 50R3416. Sierra Leone.

**195497 to 195523.—Continued****195514 to 195519.—Continued**

195517. No. 50R3879. French Cameroons.

195518. No. 50R4194. Liberia.

195519. No. 9R8280. Belgian Congo.

**195520. STROPHANTHUS THOLLONI Franch.**

No. 9R9114. French Cameroons.

**195521. STROPHANTHUS WELWITSCHII (Baill.) K. Schum.**

No. 50R6548.

**195522. STROPHANTHUS WIGHTIANUS Wall.**

No. 50R584. India.

**195523. STROPHANTHUS sp.**

No. 50R7125. Angola.

**195524 and 195525. ZEA MAYS L. Poaceae.****Corn.**

From Guatemala. Seeds presented by Robert C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Apr. 23, 1951.

195524. San Mateo, Iztatán, Huehuetenango; altitude 8,500 feet.

195525. Santa Eulalia, Huehuetenango; altitude 8,300 feet; matures in 6 to 7 months.

**195526 to 195528. LUPINUS spp. Fabaceae.****Lupine.**

From Germany. Seeds presented by the Max Planck Institute, Voldagsen über Elze. Received Apr. 23, 1951.

**195526. LUPINUS ANGUSTIFOLIUS L.****Lupine.***Esulentus* type 411.**195527 and 195528. LUPINUS LUTEUS L.****European yellow lupine.**195527. *Amoenus* type 80.195528. *Dulcis* type 8 (Wieko).**195529 to 195535. TRIFOLIUM REPENS L. Fabaceae.****White clover.**

From Italy. Seeds presented by the Stazione Sperimentale di Praticoltura, Lodi. Received Apr. 23, 1951.

195529. No. 1.

195533. No. 5.

195530. No. 2.

195534. No. 6.

195531. No. 3.

195535. No. 7.

195532. No. 4.

**195536. VERATRUM VIRIDE Ait. Liliaceae.**

From New Jersey. Plants presented by M. B. Whitney, Brentwood. Received Apr. 23, 1951.

**195537 to 195541. BROMUS INERMIS Leyss. Poaceae.****Bromegrass.**

From Canada. Seeds presented by the Dominion Forage Crops Laboratory, Saskatoon, Saskatchewan. Received Apr. 23, 1951.

195537. *S-526*.195540. *53-7*.195538. *S-1651*.195541. *81-4*.195539. *S-2646*.

**195542. HORDEUM VULGARE L. Poaceae. Common barley.**

From Tibet. Seeds presented by Henrig Harrar, Tibetan Government, through the American Embassy, New Delhi, India. Received Apr. 24, 1951.

Grown at an altitude of 15,000 to 16,000 feet in Tibet.

**195543 to 195549. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Austria. Seeds presented by the Landwirtschaftsbetrieb der Stadt, Vienna. Received Apr. 27, 1951.

195543. *Austro-Bankut.*

195547. *Loorsdorfer Austro-Bankut.*

195544. *Dioszegher.*

195548. *Marienhofer.*

195545. *Hohenauer.*

195549. *Tschermaks Weiber Begrannter Marchfelder.*

195546. *Korneuburger.*

**195550 to 195741.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 24, 1951.

Collected in February 1951.

195550. *AVENA* sp. Poaceae.

No. 9888. Dessie and Batie.

195551. *AVENA* sp.

No. 9964. Harage Province.

195552 to 195554. From Dessie.

195552. *BRASSICA* sp. Brassicaceae.

No. 9707.

195553. *BRASSICA* sp.

No. 9708.

195554. *BRASSICA* sp.

No. 9709.

195555. *CANNA* sp. Cannaceae.

No. 9629. Ambo.

195556 to 195558. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

195556. No. 9329. Market, Gondar.

195557. No. 9330. Market, Gondar.

195558. No. 9868. Batie.

195559 and 195560. *CARICA PAPAYA* L. Caricaceae. **Papaya.**

195559. No. 9597. Garden, Ambo.

195560. No. 9877. Batie.

195561. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**

No. 9580. Market, Ambo.

195562. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. **Watermelon.**

No. 9616. Market, Addis Ababa.

195563. *COFFEA* sp. Rubiaceae. **Coffee.**

No. 9549. Market, Guder.

## 195550 to 195741.—Continued

195564. CUCURBITA FICIFOLIA Bouché. Cucurbitaceae.

No. 96626. Addis Alam.

195565 to 195571. GOSSYPIUM. Malvaceae.

Cotton.

195565. No. 9710. *Italian*. Market, Dessie.195566. No. 9711. *Ethiopian*. Market, Dessie.

195567 to 195570. Market, Batie.

195567. No. 9851.

195569. No. 9853.

195568. No. 9852.

195570. No. 9864.

195571. No. 9882. Market, Dessie.

195572. GUIZOTIA ABYSSINICA (L.f.) Cass. Asteraceae.

No. 9865. Batie.

195573 and 195574. HELIANTHUS ANNUUS L. Asteraceae.

Sunflower.

195573. No. 9588. Garden, Ambo.

195574. No. 9591. Garden, Ambo.

195575 to 195601. HORDEUM spp. Poaceae.

Barley.

195575 to 195586. From market, Guder.

195575 to 195579. HORDEUM VULGARE L. Poaceae.

Common barley.

195575. No. 9527.

195578. No. 9530.

195576. No. 9528.

195579. No. 9531.

195577. No. 9529.

195580 and 195581. HORDEUM DEFICIENS Steud.

Deficient barley.

195580. No. 9532.

195581. No. 9533.

195582 to 195586. HORDEUM VULGARE L.

Common barley.

195582. No. 9534.

195585. No. 9537.

195583. No. 9535.

195586. No. 9538.

195584. No. 9536.

195587 to 195598. From market, Ambo.

195587 and 195588. HORDEUM VULGARE L.

195587. No. 9552.

195588. No. 9553.

195589 and 195590. HORDEUM IRREGULARE Åberg &amp; Wiebe.

195589. No. 9555.

195590. No. 9556.

195591. HORDEUM VULGARE L.

Common barley.

No. 9557.

195592. HORDEUM IRREGULARE Åberg &amp; Wiebe.

No. 9558.

195593 to 195595. HORDEUM VULGARE L.

Common barley.

195593. No. 9559.

195594. No. 9560.

195595. No. 9571.

## 195550 to 195741.—Continued

## 195575 to 195601.—Continued

## 195587 to 195598.—Continued

195596. HORDEUM DISTICHON L.

No. 9572.

195597. HORDEUM VULGARE L.

Common barley.

No. 9573.

195598. HORDEUM DISTICHON L.

No. 9595.

195599 to 195601. HORDEUM VULGARE L.

Common barley.

195599. No. 9875. Batie.

195600. No. 9890. Dessie.

195601. No. 9960. Harage Province.

195602 to 195607. LATHYRUS CICERA L. Fabaceae.

From the market, Addis Ababa.

195602. No. 9610.

195605. No. 9613.

195603. No. 9611.

195606. No. 9614.

195604. No. 9612.

195607. No. 9615.

195608 and 195609. LEPIDIUM SATIVUM L. Brassicaceae. Garden cress.

From the market, Dessie.

195608. No. 9792.

195609. No. 9793.

195610 to 195614. LINUM USITATISSIMUM L. Linaceae.

Flax.

195610. No. 9581. Market, Ambo. 195613. No. 9866. Market, Batie.

195611. No. 9765. Market, Dessie. 195614. No. 9897. Shop, Dessie.

195612. No. 9766. Market, Dessie.

195615 and 195616. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

Robit, between Dessie and Debra Sina.

195615. No. 9914.

195616. No. 9915.

195617 to 195622. NICOTIANA TABACUM L. Solanaceae.

Tobacco.

Along streets, Dessie.

195617. No. 9795.

195620. No. 9798.

195618. No. 9796.

195621. No. 9799.

195619. No. 9797.

195622. No. 9800.

195623. NIGELLA SATIVA L. Ranunculaceae.

Black cumin.

No. 9871. Abosda. Market, Batie.

195624. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

No. 9622. Shop, Addis Ababa.

195625 to 195627. PHASEOLUS VULGARIS L.

Common bean.

Gojjam Province.

195625. No. 9893.

195626. No. 9894.

195627. No. 9895.

## 195550 to 195741.—Continued

- 195628 to 195631. *PISUM SATIVUM* L. Fabaceae. Pea.  
 195628. No. 9544. Market, Guder.  
 195629. No. 9545. Market, Guder.  
 195630. No. 9579. Market, Ambo.  
 195631. No. 9886. Dessie and Batie.
- 195632 to 195677. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
 195632 to 195657. Market, Guder.  
 195632. No. 9495. 195645. No. 9508.  
 195633. No. 9496. 195646. No. 9509.  
 195634. No. 9497. 195647. No. 9510.  
 195635. No. 9498. 195648. No. 9511.  
 195636. No. 9499. 195649. No. 9512.  
 195637. No. 9500. 195650. No. 9513.  
 195638. No. 9501. 195651. No. 9514.  
 195639. No. 9502. 195652. No. 9515.  
 195640. No. 9503. 195653. No. 9516.  
 195641. No. 9504. 195654. No. 9517.  
 195642. No. 9505. 195655. No. 9518.  
 195643. No. 9506. 195656. No. 9519.  
 195644. No. 9507. 195657. No. 9520.
195658. No. 9608. Barristorante.  
 195659. No. 9628. Guder.
- 195660 to 195669. Dessie.  
 195660. No. 9801. 195665. No. 9806.  
 195661. No. 9802. 195666. No. 9807.  
 195662. No. 9803. 195667. No. 9808.  
 195663. No. 9804. 195668. No. 9809.  
 195664. No. 9805. 195669. No. 9810.
195670. No. 9811. Near Kombolsha.  
 195671. No. 9812. Near Kombolsha.  
 195672. No. 9878. Dessie.  
 195673. No. 9896. Mixed varieties, sorted from collections.  
 195674. No. 9904. Dessie.  
 195675. No. 9909. Rift Valley.  
 195676. No. 9910. Rift Valley.  
 195677. No. 9911. Rift Valley.
195678. *RUTA GRAVEOLENS* L. Rutaceae. Common rue.  
 No. 9491. Market, Addis Ababa.
- 195679 and 195680. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
 195679. No. 9791. Dessie.  
 195680. No. 9867. Batie.
- 195681 to 195690. *SORGHUM VULGARE* Pers. Poaceae.  
 195681. No. 9492. Between Addis Ababa and Ambo.

## 195550 to 195741.—Continued

## 195681 to 195690.—Continued

195682 to 195684. Market, Guder.

195682. No. 9546.

195683. No. 9547.

195684. No. 9548.

195685 to 195688. Market, Ambo.

195685. No. 9574.

195687. No. 9576.

195686. No. 9575.

195688. No. 9589.

195689. No. 9885.

195690. No. 9961. Harage Province.

195691 and 195692. *TRIGONELLA FOENUM-GRACUM* L. Fabaceae. Fenugreek.

195691. No. 9794. Dessie.

195692. No. 9869. Batie.

195693 to 195720. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

195693. No. 9493. Between Addis Ababa and Ambo.

195694 to 195696. Market, Guder.

195694. No. 9524.

195695. No. 9525.

195696. No. 9526.

195697 to 195706. Market, Ambo.

195697. No. 9561.

195702. No. 9567.

195698. No. 9562.

195703. No. 9568.

195699. No. 9564.

195704. No. 9569.

195700. No. 9565.

195705. No. 9570.

195701. No. 9566.

195706. No. 9593.

195707 to 195711. Barristorante.

195707. No. 9602.

195710. No. 9605.

195708. No. 9603.

195711. No. 9607.

195709. No. 9604.

195712 to 195720. Market, Batie.

195712. No. 9855.

195717. No. 9860.

195713. No. 9856.

195718. No. 9861.

195714. No. 9857.

195719. No. 9862.

195715. No. 9858.

195720. No. 9863.

195716. No. 9859.

195721 to 195723. *TRITICUM DICOCCUM* Schrank. Emmer.

195721. No. 9876. Market, Batie.

195722. No. 9889. Dessie.

195723. No. 9963. Harage Province.

195724 to 195726. Market, Ambo.

195724. *TRITICUM* sp.

No. 9563.

## 195550 to 195741.—Continued

## 195724 to 195726.—Continued

195725. TRITICUM sp.

No. 9592.

195726. TRITICUM sp.

No. 9594.

195727. TRITICUM sp.

No. 9606. Barristorante.

195728. TRITICUM sp.

No. 9854. Batie.

195729. TRITICUM sp.

No. 9962. Harage Province.

195730. TRITICUM sp.

No. 9887. Dessie.

195731 to 195738. VICIA FABA L. Fabaceae.

Broadbean.

195731 to 195734. Market, Guder.

195731. No. 9540.

195733. No. 9542.

195732. No. 9541.

195734. No. 9543.

195735 to 195737. Market, Ambo.

195735. No. 9577.

195736. No. 9578.

195737. No. 9590.

195738. No. 9892. Market, Dessie.

195739. VIGNA sp. Fabaceae.

No. 9874. Batie. Mixture.

195740. VIGNA sp.

No. 9891. Dessie. Mixture.

195741. ZEA MAYS L. Poaceae.

Corn.

No. 9539. Market, Guder.

## 195742 to 195749. CAMELINA SATIVA (L.) Crantz. Brassicaceae.

From France. Seeds presented by the Station Centrale D'Amelioration Des  
Plantes, Versailles. Received Apr. 25, 1951.

195742. *Cadart II.*195746. *Labee Leplatre.*195743. *Cadart III.*195747. *Palisse.*195744. *Gornier.*195748. *Plissonnean.*195745. *Griffith's.*195749. *Roge.*

## 195750 to 195757.

From China. Seeds presented by Raymond Baker, Pioneer Hi-Bred Corn  
Company, Johnston, Iowa. Received Apr. 25, 1951.

195750. ABUTILON THEOPHRASTI Medic. Malvaceae.

Chingma.

*Pang-pu.* From Anhwei. High yielding.

195751. HIBISCUS CANNABINUS L. Malvaceae.

Kenaf.

*H. W. 1.* From Kirilin. Extra high yielding in fiber.

195752 and 195753. PANICUM MILLACEUM L. Poaceae.

Proso.

195752. *Chiu-keng.* From Shangsí. Spring-sown, high-yielding.195753. *Y. S. 811.* From Hopei. Spring-sown, high-yielding.



## 195750 to 195757.—Continued

195754 and 195755. *SORGHUM VULGARE* Pers. Poaceae.

195754. *Kaoliang*; *Summer Red*. From Hopei. Saline tolerant, loose type.

195755. *Shantung*. From Hopei. Compact type.

195756 and 195757. *ZEA MAYS* L. Poaceae.

Corn.

195756. *H. N. 2*. From Peiping. Spring-sown, drought-resistant.

195757. *H. N. 1*. From Peiping. Summer-sown, early-maturing.

## 195758 to 195821.

From Guatemala. Seeds collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 26, 1951.

195758. *ASCLEPIAS* sp. Asclepiadaceae.

No. 2794. Near Jutiapa, Jutiapa.

195759. *ASCLEPIAS* sp.

No. 2795. Near Jutiapa, Jutiapa.

195760. *ASCLEPIAS* sp.

No. 2826. Volcán de Agua, Sacatepéquez.

195761. *ASCLEPIAS* sp.

No. 2836. Antigua, Sacatepéquez.

195762. *ASCLEPIAS* sp.

No. 2844. Santa Cruz, near Antigua.

195763. *ASCLEPIAS* sp.

No. 2849. Santa Cruz, near Antigua.

195764. *BIXA ORELLANA* L. Bixaceae.

Anatto-tree.

No. 2810. Santo Tomás, Izabal.

195765 and 195766. *CALLIANDRA* sp. Mimosaceae.

195765. No. 2830. Guacalate, near Antigua.

195766. No. 2837. Cerro Concepción, near Antigua.

195767. *CANAVALIA* sp. Fabaceae.

No. 2831. Cerro Concepción, near Antigua.

195768. *CANAVALIA* sp.

No. 2834. Cerro Concepción, near Antigua.

195769. *CANAVALIA* sp.

No. 2843. Santa Cruz, near Antigua.

195770. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 2822. Market, Palín, Escuintla.

195771. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae.

Watermelon.

No. 2805. Puerto Barrios, Izabal.

195772. *CROTALARIA* sp. Fabaceae.

No. 2839. Santa Cruz, near Antigua.

195773. *CROTALARIA* sp.

No. 2848. Santa Cruz, near Antigua.

195774. *ERYTHRINA HERBACEA* L. Fabaceae.

Coraltree.

No. 2845. Santa Cruz, near Antigua.

## 195758 to 195821.—Continued

195775. *GALACTIA* sp. Fabaceae.

No. 2798. Near Jutiapa, Jutiapa.

195776. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. Suakwa towelgourd.

No. 2814. Puerto Barrios, Izabal.

195777 to 195791. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. Tomato.

195777 to 195783. Market, Antigua.

195777. No. 2509. Cherry tomato,  $\frac{1}{2}$  inch in diameter.195778. No. 2510. Flat,  $1\frac{1}{2}$  inches in diameter.195779. No. 2511. Globose,  $\frac{1}{8}$  to  $\frac{1}{4}$  inch in diameter.195780. No. 2512. Flat, ribbed,  $1\frac{1}{2}$  inches in diameter.195781. No. 2513. Nearly globose,  $\frac{1}{4}$  to  $\frac{1}{3}$  inch in diameter.

195782. No. 2514. Subglobose, 1 inch in diameter.

195783. No. 2515. Subglobose, 1 inch in diameter.

195784 to 195787. Market, Chimaltenango, Chimaltenango.

195784. No. 2523. Globose, red,  $\frac{1}{8}$  inch in diameter.195785. No. 2524. Subglobose,  $\frac{1}{2}$  inch in diameter.

195786. No. 2525. Flattened, 1 inch in diameter.

195787. No. 2565. Globose,  $\frac{1}{2}$  inch in diameter.195788. No. 2609. Market, Zacapa, Zacapa. Globose,  $\frac{1}{8}$  inch in diameter, red.

195789. No. 2821. Market, Palín, Escuintla.

195790. No. 2850. Market, Quezaltenango, Quezaltenango.

195791. No. 2851. Market, Jalapa, Jalapa.

195792. *MIMOSA* sp. Fabaceae.No. 2828. *Montana*. Guacalate, near Antigua.195793. *PHASEOLUS ATROPURPUREUS* DC. Fabaceae.

No. 2796. Near Jutiapa, Jutiapa.

195794. *PHASEOLUS COCCINEUS* L.

No. 2829. Guacalate, near Antigua.

195795 to 195798. *PHASEOLUS LUNATUS* L.

Lima bean.

195795. No. 2804. Puerto Barrios, Izabal.

195796. No. 2832. Near Antigua.

195797. No. 2842. Santa Cruz, near Antigua. Perennial vine, indigenous.

195798. No. 2838. Santa Cruz, near Antigua. Perennial, indigenous.

195799 to 195806. *PHASEOLUS VULGARIS* L.

Common bean.

195799 to 195802. Market, Puerto Barrios, Izabal.

195799. No. 2801.

195801. No. 2803.

195800. No. 2802.

195802. No. 2823.

195803. No. 2824. Volcán de Agua, Sacatepéquez.

195804. No. 2840. Santa Cruz, near Antigua.

195805. No. 2841. Santa Cruz, near Antigua.

195806. No. 2847. Santa Cruz, near Antigua.

## 195758 to 195821.—Continued

195807. PHASEOLUS sp.

No. 2799. Near Jutiapa, Jutiapa.

195808. PHYSALIS sp. Solanaceae.

No. 2820. Market, Palín, Escuintla.

195809. PHYSALIS sp.

No. 2516. *Miltomate*. Market, Antigua.

195810. PHYSALIS sp.

No. 2593. *Miltomate*. Market, Guatemala City.

195811. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

No. 2835. Near Antigua.

195812. RHYNCHOSIA sp. Fabaceae.

No. 2833. Cerro Concepción, near Antigua.

195813. SOLANUM sp. Solanaceae.

No. 2797. Near Jutiapa, Jutiapa.

195814. SOLANUM sp.

No. 2811. Near Santo Tomás, Izabal.

195815. TRICHILIA sp. Meliaceae.

No. 2748. *Napaguate*. Retalhuleu, Retalhuleu. Used to wash hair and kill lice.

195816. VIGNA SINENSIS (Torner) Savi. Fabaceae.

Cowpea.

No. 2809. Near Santo Tomás, Izabal.

195817 to 195821. ZEA MAYS L. Poaceae.

Corn.

195817. No. 2806. Puerto Barrios, Izabal.

195818. No. 2807. Puerto Barrios, Izabal.

195819. No. 2808. Jicaro, Zacapa.

195820. No. 2818. Market, Palín, Escuintla.

195821. No. 2819. Market, Palín, Escuintla.

## 195822 and 195823.

From Sweden. Presented by the State Horticultural Research Station, Alnarp. Received Apr. 20, 1951.

195882. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

*Opal*. (Scions.)

195823. RUBUS sp. Rosaceae.

*Marlbormy*. (Plants.)

195824 to 195837. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Japan. Scions presented by K. Tsukiashi, Amori Apple Experiment Station, Amori Prefecture. Received Apr. 26, 1951.

195824. *Amanishiki*.195831. *Kyokko*.195825. *Fukunishiki*.195832. *Megumi*.195826. *Fukutami*.195833. *Murasaki*.195827. *Goldenmelon*.195834. *Mutsu*.195828. *Horei*.195835. *Shin-Indo*.195829. *Kinrei*.195836. *Shinko*.195830. *Korei*.195837. *Shinsei*.

## 195838 to 195849.

From China. Seeds presented by W. W. Overholt, Fukien Christian University, Foochow, Fukien. Received Apr. 26, 1951.

195838. *CANTHAROSPERMUM SCARABAEODEUM* (L.) Baill. Fabaceae.  
 195839. *DESMODIUM POLYCARPUM* DC. Fabaceae.  
 195840. *DESMODIUM PULCHELLUM* (L.) Benth.  
 195841. *DUNBARIA SUBRHOMBEA* Miq. Fabaceae.  
 195842. *LESPEDEZA CUNEATA* (Dum.-Cours.) G. Don. Fabaceae.  
 195843. *LESPEDEZA RETUSA* Nakai.  
 195844. *LESPEDEZA STIPULACEA* Maxim.  
 195845. *LESPEDEZA STRIATA* (Thunb.) Hook. & Arn.  
 195846. *PUERARIA LOBATA* (Willd.) Ohwi. Fabaceae. Kudzu.  
 195847. *PYCNOSPORA LUTESCENS* (Poir.) Schindl. Fabaceae.  
 195848. *RHYNCHOSIA VOLUBILIS* Lour. Fabaceae. Rosarybean.  
 195849. *URARIA LAGAPODIODES* (L.) Desv. Fabaceae.

195850. *EUPHORBIA ANTISYPHILITICA* Zucc. Euphorbiaceae.

From Mexico. Plants collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 26, 1951.

No. 10386. *Candelilla*. Zarca Mesa, Rio Nazas, Durango. Apr. 20, 1951.

## 195851 to 195856.

From Egypt. Seeds presented by the Botanical and Plant Breeding Section, Giza, Orman. Received Apr. 27, 1951.

195851. *DOLICHOS LABLAB* L. Fabaceae. Hyacinth-bean.  
 195852. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
 195853 and 195854. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
 195853. *Minia* 39.  
 195854. *Gharbia* 6.  
 195855 and 195856. *VICIA FABA* L. Fabaceae. Broadbean.  
 195855. *Rebaya* B 41.  
 195856. (No varietal name.)

## 195857 to 195882.

From Africa. Collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 30, 1951.

Collected in April 1951. Material collected was bulbs unless otherwise noted.

195857. *ALBUCA* sp. Liliaceae.  
 No. A-122. Seventy-seven miles south of Albercorn, on Lusaka road, Northern Rhodesia.  
 195858. *BOOPHONE DISTICHA* (L.f.) Herbert. Amaryllidaceae.  
 No. A-117. Forty-three miles from Fort Hill, Nyasaland.  
 195859. *CRINUM* sp. Amaryllidaceae.  
 No. A-125. Between Zimba and Livingstone, Northern Rhodesia.

## 195857 to 195882.—Continued

195860. *DIOSCOREA* sp. Dioscoreaceae.

No. A-119. Near Lake Meita, 1 mile north of Abercorn, Northern Rhodesia.

195861. *EUCOMIS UNDULATA* Ait. Liliaceae.

No. A-105. Forty-two miles from Salisbury, Southern Rhodesia. (Tubers.)

195862. *GLADIOLUS* sp. Iridaceae.

No. A-116. Twenty miles east of Fort Hill, Nyasaland.

193863. *HAEMANTHUS* sp. Amaryllidaceae.

No. A-126. Opposite main cataract, Victoria Falls, Southern Rhodesia.

195864. *HYPOXIS* sp. Amaryllidaceae.

No. A-115. Fourteen miles from Fort Hill, Nyasaland. (Tubers.)

195865. (Undetermined.)

No. A-123. Seventy-seven miles north of Abercorn, Northern Rhodesia.

195866. *ORNITHOGALUM* sp. Liliaceae.

No. A-121. Sixty-one miles from Abercorn, Northern Rhodesia.

195867. *URGINEA ALTISSIMA* (L.f.) Baker. Liliaceae.

No. A-120. Lake Kwela, Tanganyika.

195868. (Undetermined.)

No. A-106. Four miles north of Chirundu Bridge, Northern Rhodesia. (Tubers.)

195869. *AMMOCHARIS CORANICA* Herb. Amaryllidaceae.

No. A-108. Eleven miles from Lusaka, Northern Rhodesia.

195870. (Undetermined.)

No. A-124. Between Zimba and Livingstone, Northern Rhodesia. (Tubers.)

195871. (Undetermined.)

No. A-128. Twenty-nine miles south of customs barrier at Victoria Falls, Southern Rhodesia, on road to Bulawayo.

195872. (Undetermined.)

No. A-104. Beyond Wellesley, on road from Salisbury to Sinoia, 37 miles from Salisbury.

195873. *AGAPANTHUS INAPERTUS* Beauverd. Liliaceae.

No. A-111. Bloem Erf Nursery, Stellenbosch, Cape Province.

195874. *CRINUM* sp. Amaryllidaceae.

No. A-137. Road between Potgietersrust and Naboomspruit, Transvaal. (Tubers.)

195875. *EUCOMIS PUNCTATA* L'Herit. Liliaceae.

No. A-134. Near summit of Magoebas, between Tzaneen and Pietersburg, Transvaal.

195876. *SCILLA* sp. Liliaceae.

No. A-133. Between Zoekmakaar and Munnik, Transvaal.

195877. *AMMOCHARIS CORANICA* Herb. Amaryllidaceae.

No. A-132. Between Zoekmakaar and Munnik, Transvaal.

## 195857 to 195882.—Continued

195878. (Undetermined.)

No. A-136. Boyne, northern Transvaal.

195879. AGAPANTHUS sp. Liliaceae.

No. A-112. Bloem Erf Nursery, Stellenbosch, Cape Province.

195880 and 195881. AGAPANTHUS AFRICANUS (L.) Hoffm. g.

195880. No. A-109. *Pendulimis*. Bloem Erf Nursery, Stellenbosch, Cape Province.

195881. No. A-114. Plettenberg Bay, Cape Province. (Tubers.)

195882. VALLOTA SPECIOSA (L.f.) Dur. &amp; Schinz. Amaryllidaceae.

No. A-113. Plettenberg Bay, Cape Province. Showy, red flowers.

## 195883 to 195891.

From Nicaragua. Tubers collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 1, 1951.

195883. CRINUM LONGIFOLIUM (L.) Thunb. Amaryllidaceae.

No. 2911. *Lirio*. Along Rio Escondido, 15 miles from Bluefields.

195884 to 195890. Along Rio Escondido, 30 miles above Bluefields.

195884. DIOSCOREA sp. Dioscoreaceae.

No. 2910. *Ñame Blanco*.

195885. DIOSCOREA sp.

No. 2914. *Ñame Balleri*.

195886. DIOSCOREA sp.

No. 2915. *Ñame Morado Silvestre*.

195887. DIOSCOREA sp.

No. 2916. *Yampi Morado*.

195888. DIOSCOREA sp.

No. 2917. *Yampi Blanco*.

195889. DIOSCOREA sp.

No. 2918. *Ñame Amarillo*.

195890. DIOSCOREA sp.

No. 2919. *Ñame Blanco*.

195891. DIOSCOREA sp.

No. 2920. Market, Bluefields. Said to be the most uniform and best edible yam of Nicaragua.

## 195892 to 195907.

From Morocco. Seeds presented by the Centre de Recherches Agronomique, Rabat. Received May 1, 1951.

195892 to 195894. AVENA SATIVA L. Poaceae. *Common Oats*.

195892. 095.

195893. 153.

195894. 320.

195895. CARTHAMUS TINCTORIUS L. Asteraceae. *Safflower*.

## 195892 to 195907.—Continued

195896 to 195899. *HORDEUM VULGARE* L. Poaceae. Common barley.

195896. 071. 195898. 89.

195897. 077. 195899. 227.

195900. *HORDEUM DISTICHON* L. Barley.  
No. 2891.

195901 to 195907. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

195901. 250. 195905. 0181.

195902. 284. 195906. 1476.

195903. 422. 195907. 2970.

195904. 426.

195908 to 195913. *BRASSICA* spp. Brassicaceae.

From China. Seeds presented by William W. Overholt, Fukien Christian University, Foochow, Fukien. Received May 1, 1951.

195908 and 195909. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.  
Cabbage.

195908. No. B-1.

195909. No. 4.

195910 and 195911. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Cauliflower.

195910. No. 1.

195911. No. 2.

195912 and 195913. *BRASSICA PEKINENSIS* (Lour.) Rupr. Petsai.

195912. No. 1.

195913. No. 2.

195914 to 195916. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae.  
Berseem.

From Egypt. Seeds presented by N. A. Koshairy, Ministry of Agriculture, Giza, Orman. Received May 2, 1951.

195914. *Fahl*.

195915. *Khadrawi*.

195916. *Miskawi*.

## 195917 to 196131.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 2, 1951.

Collected in January and February 1951.

195917. *AGROSTIS LACHNANTHA* Nees. Poaceae.

No. 9598. Near Guder.

195918. *ALBIZZIA LOPHANTHA* (Willd.) Benth. Mimosaceae.

No. 9490. *Kacheria*. Addis Ababa. Cultivated.

195919. *AMMI COPTICUM* L. Apiaceae.

No. 9583. *Nech-abosde*. Market, Ambo.

195920. *ASCLEPIAS* sp. Asclepiadaceae.

No. 9883. *Guinde*. Batie.

## 195917 to 196131.—Continued

195921. BRASSICA sp. Brassicaceae.

No. 9582. Market, Ambo.

195922. BRASSICA sp.

No. 9705. Dessie.

195923. BRASSICA sp.

No. 9706. Dessie.

195924. CARICA PAPAYA L. Caricaceae.

Papaya.

No. 9632. Shop, Addis Ababa.

195925. CARTHAMUS TINCTORIUS L. Asteraceae.

Safflower.

No. 9693. Dessie.

195926. CICER ARIETINUM L. Fabaceae.

Chickpea.

No. 9694. Dessie.

195927. CITRULLUS COLOCYNTHIS (L.) Schrad. Cucurbitaceae. Colocynth.

No. 8667. Agaruen Hills, Ogaden region, Hararge Province.

195928. CITRULLUS VULGARIS Schrad.

Watermelon.

No. 9617. Market, Addis Ababa.

195929. CUCURBITA PEPO L. Cucurbitaceae.

Pumpkin.

No. 9902. Dessie.

195930. CUMINUM CYMINUM L. Apiaceae.

Cumin.

No. 9584. *Nech-azmude*. Market, Ambo.

195931 to 195938. ERAGROSTIS TEF (Zuccagni) Trotter. Poaceae. Teff.

195931. No. 9609. Barristorante.

195932 to 195937. Dessie.

195932. No. 9695.

195935. No. 9698.

195933. No. 9696.

195936. No. 9704.

195934. No. 9697.

195937. No. 9780.

195938. No. 9870. Batie.

195939. EUPHORBIA CANDELABRUM Trem. Euphorbiaceae.

No. 9884. *Kulkwal*. Batie. Grown as an ornamental and for making living fences.

195940. FRAGARIA. Rosaceae.

Strawberry.

No. 9634. Shop, Addis Ababa. Fruits subglobose or ovoid, 1½ inches long.

195941. GOSSYPIUM. Malvaceae.

Cotton.

No. 9787. Dessie.

195942 to 195944. GUIZOTIA ABYSSINICA (L.f.) Cass. Asteraceae.

195942. No. 9699. Dessie.

195943. No. 9701. Dessie.

195944. No. 9700. Dessie.

195945 and 195946. HELIANTHUS ANNUUS L. Asteraceae.

Sunflower.

195945. No. 9596. Ambo.

195946. No. 9918. Addis Ababa.



## 195917 to 196131.—Continued

- 195947 to 195984. *HORDEUM VULGARE* L. Poaceae. Common barley.
195947. No. 9619. From various markets.
- 195948 to 195981. From Dessie.
- |                   |                   |
|-------------------|-------------------|
| 195948. No. 9635. | 195965. No. 9741. |
| 195949. No. 9636. | 195966. No. 9742. |
| 195950. No. 9637. | 195967. No. 9743. |
| 195951. No. 9638. | 195968. No. 9744. |
| 195952. No. 9639. | 195969. No. 9745. |
| 195953. No. 9640. | 195970. No. 9746. |
| 195954. No. 9641. | 195971. No. 9747. |
| 195955. No. 9642. | 195972. No. 9748. |
| 195956. No. 9643. | 195973. No. 9749. |
| 195957. No. 9644. | 195974. No. 9750. |
| 195958. No. 9645. | 195975. No. 9751. |
| 195959. No. 9646. | 195976. No. 9752. |
| 195960. No. 9647. | 195977. No. 9753. |
| 195961. No. 9737. | 195978. No. 9754. |
| 195962. No. 9738. | 195979. No. 9782. |
| 195963. No. 9739. | 195980. No. 9783. |
| 195964. No. 9740. | 195981. No. 9784. |
- 195982 to 195984. From Batie.
195982. No. 9836.
195983. No. 9837.
195984. No. 9838.
- 195985 to 195991. From Batie.
195985. *HORDEUM DEFICIENS* Steud. Deficient barley.  
No. 9839.
195986. *HORDEUM VULGARE* L. Common barley.  
No. 9840.
- 195987 to 195989. *HORDEUM DEFICIENS* Steud. Deficient barley.
195987. No. 9841.
195988. No. 9842.
195989. No. 9843.
195990. *HORDEUM VULGARE* L. Common barley.  
No. 9844.
195991. *HORDEUM DEFICIENS* Steud. Deficient barley.  
No. 9919.
195992. *JUNIPERUS PROCERA* Hochst. Pinaceae. Juniper.  
No. 9901. Addis Ababa.
- 195993 to 196001. *LATHYRUS CICERA* L. Fabaceae.
- 195993 to 196000. Market, Dessie.
- |                   |                   |
|-------------------|-------------------|
| 195993. No. 9672. | 195997. No. 9676. |
| 195994. No. 9673. | 195998. No. 9767. |
| 195995. No. 9674. | 195999. No. 9769. |
| 195996. No. 9675. | 196000. No. 9768. |
196001. No. 9847. Batie.

## 195917 to 196131.—Continued

- 196002 and 196003. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 196002. No. 9702. Dessie.  
 196003. No. 9703. Dessie.
- 196004 and 196005. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 196004. No. 9587. Market, Ambo.  
 196005. No. 9631. Addis Ababa. Volunteer.
196006. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 9585. *Tekure Abosda*. Market, Ambo.
196007. *PANICUM* sp. Poaceae.  
 No. 9917. Near Addis Ababa.
196008. *PENNISETUM* sp. Poaceae.  
 No. 9599. Near Guder.
- 196009 to 196033. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
 196009. No. 9618. From various markets.  
 196010 to 196016. Dessie.  
     196010. No. 9660.                      196014. No. 9664.  
     196011. No. 9661.                      196015. No. 9665.  
     196012. No. 9662.                      196016. No. 9666.  
     196013. No. 9663.
196017. No. 9977. Arussi Province.
- 196018 to 196031. Dessie.  
     196018. No. 9713.                      196025. No. 9760.  
     196019. No. 9714.                      196026. No. 9761.  
     196020. No. 9755.                      196027. No. 9762.  
     196021. No. 9756.                      196028. No. 9763.  
     196022. No. 9757.                      196029. No. 9764.  
     196023. No. 9758.                      196030. No. 9785.  
     196024. No. 9759.                      196031. No. 9786.
196032. No. 9845. Batie.
196033. No. 9846. Batie.
196034. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**  
 No. 9633. Shop, Addis Ababa.
196035. *PIPER CUBEBA* L. f. Piperaceae.  
 No. 9551. *Kundo-perpere*. Market, Guder. Used as spice in cooking.
196036. *PRUNUS DOMESTICA* L. Amygdalaceae. **Common plum.**  
 No. 9630. Shop, Addis Ababa.
- 196037 to 196039. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
 196037. No. 9521. Guder.  
 196038. No. 9523. Guder.  
 196039. No. 9522. Guder.
196040. *RUTA GRAVEOLENS* L. Rutaceae. **Common rue.**  
 No. 9491. Market, Addis Ababa.
196041. *SETARIA* sp. Poaceae.  
 No. 9913. Rift Valley.

## 195917 to 196131.—Continued

196042. *SOLANUM* sp. Solanaceae.

No. 9623. Ambo.

196043. *SOLANUM* sp.

No. 9624. Ambo.

196044 to 196074. *SORGHUM VULGARE* Pers. Poaceae.

196044 to 196058. Dessie.

196044. No. 9681.

196052. No. 9689.

196045. No. 9682.

196053. No. 9690.

196046. No. 9683.

196054. No. 9691.

196047. No. 9684.

196055. No. 9692.

196048. No. 9685.

196056. No. 9777.

196049. No. 9686.

196057. No. 9778.

196050. No. 9687.

196058. No. 9779.

196051. No. 9688.

196059. No. 9550. Market, Guder.

196060 to 196074. Batie.

196060. No. 9813.

196068. No. 9821.

196061. No. 9814.

196069. No. 9824.

196062. No. 9815.

196070. No. 9823.

196063. No. 9816.

196071. No. 9825.

196064. No. 9817.

196072. No. 9826.

196065. No. 9819.

196073. No. 9827.

196066. No. 9820.

196074. No. 9828.

196067. No. 9822.

196075. *SPOROBOLUS PYRAMIDALIS* Beauv. Poaceae.

No. 9916. Plateau pasture near Addis Ababa.

196076. *STIPA* sp. Poaceae.

No. 9880. Thirty kilometers east of Dessie.

196077 to 196098. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

196077. No. 9620. Various markets.

196078 to 196098. Dessie.

196078. No. 9648.

196089. No. 9726.

196079. No. 9649.

196090. No. 9727.

196080. No. 9650.

196091. No. 9728.

196081. No. 9652.

196092. No. 9729.

196082. No. 9653.

196093. No. 9731.

196083. No. 9654.

196094. No. 9732.

196084. No. 9655.

196095. No. 9733.

196085. No. 9656.

196096. No. 9734.

196086. No. 9658.

196097. No. 9735.

196087. No. 9659.

196098. No. 9736.

196088. No. 9725.

## 195917 to 196131.—Continued

196099 to 196101. *TRITICUM DICOCCUM* Schrank.

Emmer.

196099. No. 9903. Dessie.

196100. No. 9907. Dessie.

196101. No. 9908. Dessie.

196102. *TRITICUM* sp.

No. 9651. Dessie.

196103. *TRITICUM* sp.

No. 9657. Dessie.

196104 to 196116. *VICIA FABA* L. Fabaceae.

Broadbean.

196104. No. 9621. Various markets.

196105 to 196114. Dessie.

196105. No. 9667.

196110. No. 9771.

196106. No. 9668.

196111. No. 9772.

196107. No. 9669.

196112. No. 9773.

196108. No. 9670.

196113. No. 9774.

196109. No. 9770.

196114. No. 9781.

196115. No. 9849. Batie.

196116. No. 9850. Batie.

196117 to 196124. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

196117. No. 9712. Dessie.

196118 to 196124. Batie.

196118. No. 9829.

196122. No. 9833.

196119. No. 9830.

196123. No. 9834.

196120. No. 9831.

196124. No. 9835.

196121. No. 9832.

196125 to 196131. *ZEA MAYS* L. Poaceae.

Corn.

196125 to 196130. Dessie.

196125. No. 9677.

196128. No. 9680.

196126. No. 9678.

196129. No. 9775.

196127. No. 9679.

196130. No. 9776.

196131. No. 9848. Batie.

196132 and 196133. *FRAGARIA*. Rosaceae.

Strawberry.

From Canada. Plants presented by the Horticultural Experiment Station,  
 Vineland, Ontario. Received May 3, 1951.

196132. No. 41021.

196133. No. 41022.

196134. *GOSSYPIUM*. Malvaceae.

Cotton.

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São  
 Paulo. Received May 4, 1951.

196135 and 196136. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Norway. Tubers presented by the Agricultural College of Norway,  
 Vollebakk. Received May 7, 1951.

**196135 and 196136.—Continued**

**196135.** *Arran Pilot.*

**196136.** *Aspotat* × *Virus Free.*

**196137. SOLANUM XANTHOCARPUM** Schrad. & Wendl. Solanaceae.

From India. Seeds presented by the Agricultural College, Poona, Bombay, through the American Consul, Bombay. Received May 7, 1951.

Collected in the vicinity of the Agricultural College.

**196138. (Undetermined.) Araceae.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 7, 1951.

Collected in April 1951.

No. 1001. Vicinity of Lekemti Airfield, Wollega Province. A member of the Araceae with a flowering stem 3 feet high, mottled dark green and gray, and a white spathe. The fruits are yellow when ripe.

**196139 and 196140.**

From the Union of South Africa. Collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 7, 1951.

**196139.** *AGAPANTHUS AFRICANUS* (L.) Hoffm. Liliaceae.

No. A-140. Cultivated, Pretoria, Transvaal. Apr. 26, 1951. (Rhizomes.)

**196140.** *DIOSCOREA RETUSA* Mast. Dioscoreaceae.

No. A-139. Fifteen miles north of Britts, Transvaal. Apr. 24, 1951. (Tubers.)

**196141 to 196146. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Collected by H. S. Gentry, Charles Gilly, and E. C. Ogden, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 7, 1951.

Collected in April 1951.

**196141 to 196144.** *DIOSCOREA COMPOSITA* Hemsl.

**196141.** No. 10413. San Andrés de Tuxtla, Veracruz. (Rhizomes and cuttings.)

**196142.** No. 51203. Veracruz. (Cuttings.)

**196143.** No. 51205. Oaxaca. (Rhizomes and cuttings.)

**196144.** No. 51207. Veracruz. (Cuttings.)

**196145.** *DIOSCOREA MACROSTACHYA* Benth.

No. 10416. North of San Andrés de Tuxtla, Veracruz. (Rhizomes and cuttings.)

**196146.** *DIOSCOREA CONVULVULACEA* Cham. & Schl.

No. 10407. South of Tierra Blanca, Veracruz. (Rhizomes and cuttings.)

**196147. SOLANUM TUBEROSUM** L. Solanaceae. **Potato.**

From Denmark. Tubers presented by Dr. S. Norlund Christensen, Landbrugscand, Aulum. Received May 8, 1951.

*Bintje.*

**196148 to 196165. GLYCINE MAX** (L.) Merr. Fabaceae. **Soybean.**

From Japan. Seeds presented by Dr. Koji Miuraki, through W. L. Burlison, Agricultural Experiment Station, Urbana, Ill. Received May 8, 1951.

## 196148 to 196165.—Continued

- |                                  |                                 |
|----------------------------------|---------------------------------|
| 196148. <i>Akasaya-1.</i>        | 196157. <i>Mituisidaizu.</i>    |
| 196149. <i>Banseihikarikuro.</i> | 196158. <i>Nagabahadaka-1.</i>  |
| 196150. <i>Chuseihadaka.</i>     | 196159. <i>Okuhara-1.</i>       |
| 196151. <i>Chuseihikarikuro.</i> | 196160. <i>Ooyachi-2.</i>       |
| 196152. <i>Gindaizu.</i>         | 196161. <i>Rankosi-1.</i>       |
| 196153. <i>Isikarisiro-1.</i>    | 196162. <i>Siroturnoko.</i>     |
| 196154. <i>Kitaminagaha.</i>     | 196163. <i>Tokatinagaha.</i>    |
| 196155. <i>Kurosaya.</i>         | 196164. <i>Wasekurosengoku.</i> |
| 196156. <i>Marukotubu.</i>       | 196165. <i>Waseturunoko.</i>    |

## 196166 to 196177.

From Korea. Seeds presented by Raymond J. Todd, Delphi, Ind., through Dr. A. H. C. Probst, Agricultural Experiment Station, Lafayette, Ind. Received May 8, 1951.

The numbers given are Indiana accession numbers.

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|---|--|
| 196166 to 196172. GLYCINE MAX (L.) Merrill. Fabaceae. | Soybean.                               |
| 196166. No. 2296.                                     | 196170. No. 2297-2. <i>Bang Kohng.</i> |
| 196167. No. 2299-1. <i>Baik Tae.</i>                  | 196171. No. 2298. <i>Cheng Du.</i>     |
| 196168. No. 2299-2. <i>Baik Tae.</i>                  | 196172. No. 2301. <i>Huk Tae.</i>      |
| 196169. No. 2297-1. <i>Bang Kohng.</i>                |  |

- |  |              |
|--|--------------|
| 196173 and 196174. PHASEOLUS ANGULARIS (Willd.) W. F. Wight. |              |
| Fabaceae.  | Adzuki bean. |

196173. No. 2302-1. *Jeuk Du.*

196174. No. 2302-2. *Jeuk Du.*

- |  |          |
|--|----------|
| 196175 to 196177. GLYCINE MAX (L.) Merr. Fabaceae. | Soybean. |
|--|----------|

196175. No. 2300-1. *Yu Tae.*

196176. No. 2300-2. *Yu Tae.*

196177. No. 2300-3. *Yu Tae.*

## 196178 to 196181.

From Rhodesia. Seeds collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 8, 1951.

196178. HIBISCUS sp. Malvaceae.

No. A-107. About 11 miles north of Lusaka, Northern Rhodesia. Apr. 1, 1951.

196179. HIBISCUS sp.

No. A-129. About 66 miles south of Victoria Falls at Wankie, Southern Rhodesia. Apr. 15, 1951.

196180. HIBISCUS sp.

Between Monze and Choma, Northern Rhodesia. Apr. 12, 1951.

196181. OSBECKIA sp. Melastomaceae.

Ten miles south of Abercorn, Northern Rhodesia. April 1951.

## 196182 to 196185.

From Nicaragua. Tubers collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 8, 1951.

**196182 to 196185.—Continued**

196182. *DIOSCOREA* sp. Dioscoreaceae.

No. 2962. *Name Blanca*. Near San Antonio, Rivas, Rivas. Mar. 31, 1951.

196183. *SMILAX* sp. Smilacaceae.

No. 2937. *Cuculmeca Redonda*. Near Matagalpa, Matagalpa. Apr. 29, 1951.

196184. (Undetermined.)

No. 2957. *Yampi*. Santa Cecilia. May 2, 1951.

196185. (Undetermined.)

No. 2936. *Quequisque*. Matagalpa, Matagalpa. Apr. 29, 1951.

**196186 to 196196.**

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Newlands, Cape Province. Received May 9, 1951.

196186 and 196187. *AGAPANTHUS ORIENTALIS* Leighton. Liliaceae.

196186. Flowers white.

196187. Flowers blue.

196188. *AGAPANTHUS* sp.

Flowers dark blue.

196189. *BULBINELLA ROBUSTA* Kunth. Liliaceae.

196190. *DIPIDAX TRIQUETRA* Baker. Melanthiaceae.

196191. *EUCOMIS UNDULATA* Ait. Liliaceae.

196192. *GALTONIA CANDICANS* Decaisne. Liliaceae.

196193. *TRITOMA UVARIA* (L.) Ker. Liliaceae.

196194. *ORNITHOGALUM SAUNDERSIAE* Baker. Liliaceae.

196195. *ORNITHOGALUM THYRSOIDES* Jacq.

196196. *STROPHANTHUS SPECIOSUS* (Ward & Harv.) Reber. Apocynaceae.

**196197 to 196205.**

From Venezuela. Seeds presented by Juan F. Stolk, Departamento de Agricultura, Caracas. Received May 9, 1951.

196197. *ANDROPOGON ISCHAEMUM* L. Poaceae.

196198. *ARISTIDA ADSCENSIONIS* L. Poaceae.

196199. *CHLORIS INFLATA* Link. Poaceae.

196200. *CHLORIS MOLLIS* (Nees) Swallen.

196201. *HYPARRHENIA RUFA* (Nees) Stapf. Poaceae.

196202. *MELINIS MINUTIFLORA* Beauv. Poaceae. Molasses grass.

196203. *PASPALUM FIMBRIATUM* H.B.K. Poaceae.

196204. *SETARIA RARIFLORA* Mikan. Poaceae.

196205. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae. Natal grass.

**196206 to 196257.**

From India. Seeds presented by Dr. S. P. Kohli, Simla, Punjab, through L. S. Negi, University Farm, St. Paul, Minn. Received May 9, 1951.

196206. *AESCHYNOMENE INDICA* L. Fabaceae.

*Matake*.

196207. *ANDROPOGON MICRANTHUS* Kunth. Poaceae.

## 196206 to 196257.—Continued

196208. ARUNDINELLA NEPALENSIS Trin. Poaceae.

196209. ANDROPOGON PERTUSUS (L.) Willd. Poaceae.

196210. CHRYSOPOGON MONTANUS Trin. Poaceae.

*Doholu.*

196211. COIX LACRYMA-JOBI L. Poaceae.

**Jobs-tears.**

196212. CYMBOPOGON MARTINII (Roxb.) W. Wats. Poaceae.

*Makora.*

196213. DIGITARIA ISCHAEMUM (Schreb.) Mühl. Poaceae.

*Chotti Kawalian.*

196214. ECHINOCHLOA COLONUM (L.) Link. Poaceae.

*Jhanda.*

196215. FESTUCA sp. Poaceae.

*Ban Lawaina.*

196216 and 196217. MEDICAGO HISPIDA Gaertn. Fabaceae.

**Burclover.**

196216. No. 8.

196217. *EC707.*

196218 to 196247. MEDICAGO SATIVA L.

**Alfalfa.**

196218. No. 13.

196233. No. 48.

196219. No. 16.

196234. No. 50.

196220. No. 19.

196235. No. 53.

196221. No. 21.

196236. No. 54.

196222. No. 22.

196237. No. 55.

196223. No. 25.

196238. No. 57.

196224. No. 28.

196239. No. 58.

196225. No. 31.

196240. No. 59.

196226. No. 33.

196241. No. 60.

196227. No. 35.

196242. No. 61.

196228. No. 37.

196243. No. 63.

196229. No. 40.

196244. No. 65.

196230. No. 41.

196245. No. 67.

196231. No. 42.

196246. No. 69.

196232. No. 45.

196247. No. 70.

196248. MEDICAGO SATIVA var. GLUTINOSA (Bieb.) Urban.

*EC772.*

196249. MEDICAGO SATIVA var. VARIA (Mart.) Urban.

*EC723.*

196250. PASPALUM sp. Poaceae.

196251. PENNISETUM ORIENTALE L. Poaceae.

*Ranjha, Ban Jhan.*

196252. SETARIA GLAUCA (L.) Beauv. Poaceae.

196253. SETARIA PALMIFOLIA (Willd.) Stapf.

*Handa.*

196254. SORGHUM HALEPENSE (L.) Pers. Poaceae.

*Baru.*



**196206 to 196257.—Continued****196255.** *SORGHUM* sp.**196256.** *THEMEDA ANATHERA* (Nees) Hack. Poaceae.*Lungi.***196257.** *VETIVERIA ZIZANIOIDES* (L.) Nash. Poaceae.**196258 to 196271.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 10, 1951.

Collected in April 1951.

**196258.** *AMARYLLIS* sp. Amaryllidaceae.

No. 9984. Addis Ababa. Perianth segments dark red with central white stripe. (Bulbs.)

**196259.** *ASPARAGUS OFFICINALIS* L. Convallariaceae.

No. 10040. Hollata. (Rootstocks.)

**196260.** *DELPHINIUM* sp. Ranunculaceae.

No. 10111. Near Selulita, south of Addis Ababa. Flowers dusty blue. (Rhizome.)

**196261.** *IMPATIENS TINCTORIA* A. Rich. Balsaminaceae.

No. 10104. Selale region, 45 km. south of Addis Ababa. (Roots.)

**196262.** *ZINGIBER OFFICINALE* Roscoe. Zingiberaceae.

Ginger.

No. 10037. Market, Lekemti, Wollega Province. (Roots.)

**196263.** (Undetermined.)

No. 10001. Near Lekemti Airfield. (Tubers.)

**196264.** *HAEMANTHUS MULTIFLORUS* Martyn. Amaryllidaceae.

No. 10007. Near Gedo, Wollega Province. Flowers carmine, striking. (Bulbs.)

**196265.** *CRINUM GIGANTEUM* Andr. Amaryllidaceae.

No. 10101. Selale region, 45 km. south of Addis Ababa. (Bulbs.)

**196266.** (Undetermined.)

No. 10102. Selale region, south of Addis Ababa. Leaves red-spotted at base. (Bulbs.)

**196267.** (Undetermined.)

No. 10103. Selale region. (Bulbs.)

**196268.** *URGINEA* sp. Liliaceae.

No. 10005. Between Lekemti and Baco. Flower spike up to 3 feet high. (Bulbs.)

**196269.** *CRINUM LONGIFOLIUM* (L.) Thunb. Amaryllidaceae.

No. 10008. Between Gedo and Ambo. Flowers white, purple stained at base, with heavy, sweet odor. (Bulbs.)

**196270.** (Undetermined.)

No. 10109. Near Selulita, south of Addis Ababa. (Bulbs.)

**196271.** (Undetermined.)

No. 10112. Near Selulita, south of Addis Ababa. (Bulbs.)

**196272.** *MENTHA PULEGIUM* L. Menthaceae.

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received May 10, 1951.

**196273. GOSSYPIUM. Malvaceae. Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Cotton Breeding Section, Khartoum North. Received May 10, 1951.

No. T-7.

**196274 to 196277.**

From Chile. Seeds presented by Juan Theune Laws, Villarrica. Received May 10, 1951.

196274. ARACHINTIS UNIFLORA Phil. Burmanniaceae.

196275. AZARA sp. Flacourtiaceae.

Received as *Azara leucantha*, apparently an unpublished species.

196276. CORIARIA RUSCIFOLIA L. Coriariaceae.

196277. WEINMANNIA TRICHOSPERMA Cav. Cunoniaceae.

**196278 to 196287. SACCHARUM. Poaceae. Sugarcane.**

From the British West Indies. Cuttings presented by the Sugarcane Breeding Station, Barbados. Received May 11, 1951.

196278. B-49281.

196283. B-37261.

196279. B-45211.

196284. B-4524.

196280. B-45116.

196285. B-45285.

196281. B-30L7.

196286. B-46136.

196282. B-40270.

196287. B-4454.

**196288 to 196293.**

From India. Seeds presented by Pandit Ramdatt Chilkoti, Almora, United Provinces. Received May 14, 1951.

196288. AMARANTHUS PANICULATUS L. Amaranthaceae.

196289. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

196290. DOLICHOS BIFLORUS L. Fabaceae.

196291 and 196292. PANICUM MILIACEUM L. Poaceae.

Proso.

196291. No. 1.

196292. No. 2.

196293. SETARIA ITALICA (L.) Beauv. Poaceae.

Foxtail millet.

**196294 to 196304.**

From Nicaragua. Seeds collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 14, 1951.

Collected in April 1951.

196294. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

No. 2929. 30 miles from Bluefields, along Rio Escondido. Fruit yellow or orange.

196295. CENTROSEMA PUBESCENS Benth. Fabaceae.

No. 2921. 30 miles from Bluefields, along Rio Escondido.

196296. TRIPSACUM LAXUM Nash. Poaceae.

No. 2926. El Recreo Experiment Station, El Recreo.

196297. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray. Solanaceae.

Tomato.

No. 2927. El Recreo. Apparently immune from wilt and nematodes.

**196294 to 196304.—Continued**

**196298.** *LYCOPERSICON ESCULENTUM* Mill. Tomato.

No. 2928. 30 miles from Bluefields, along Rio Escondido. A small red tomato, apparently immune from wilts and rots.

**196299.** *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

No. 2922. El Recreo Experiment Station, El Recreo.

**196300.** *SOLANUM CILIATUM* Lam. Solanaceae.

No. 2930. Bluefields.

**196301.** *VIGNA SESQUIPEDALIS* (L.) Fruwirth. Fabaceae. Asparagus-bean.

No. 2925. El Recreo Experiment Station, El Recreo.

**196302.** *VIGNA VEXILLATA* (L.) Rich.

No. 2924. El Recreo Experiment Station, El Recreo.

**196303 and 196304.** *ZEA MAYS* L. Poaceae. Corn.

**196303.** No. 2923. El Recreo Experiment Station, El Recreo.

**196304.** No. 2931. Market, Bluefields.

**196305.** *SACCHARUM*. Poaceae. Sugarcane.

From India. Cuttings presented by Dr. Walter Koelz, American Consul, Haflong, Assam. Received May 15, 1951.

No. 11766.

**196306.** *MANGIFERA INDICA* L. Anacardiaceae. Mango.

From Thailand. Seeds obtained through the American Embassy, Bangkok. Received May 15, 1951.

Collected from six different orchards.

**196307.** *TRIFOLIUM CERNUUM* Brot. Fabaceae.

From Australia. Seeds presented by F. H. Brunning Pty., Ltd., Melbourne, Victoria. Received May 15, 1951.

**196308 to 196311.**

From Mexico. Seeds collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 15, 1951.

From Comondú, Baja California. Apr. 2, 1951.

**196308.** *CITRUS RETICULATA* Blanco. Rutaceae. Mandarin orange.

No. 10312.

**196309.** *CUCURBITA PEPO* var. *OVIFERA* (L.) Alef. Cucurbitaceae.

**196310 and 196311.** *GOSSYPIUM*. Malvaceae. Cotton.

**196310.** No. 10311.

**196311.** No. 10318.

**196312 to 196317.** *STROPHANTHUS INTERMEDIUS* Pax. Apocynaceae.

From Angola. Seeds presented by Mrs. L. A. T. Berman, Luanda. Received May 15, 1951.

**196312.** No. 1.

**196315.** No. 4.

**196313.** No. 2.

**196316.** No. 5.

**196314.** No. 3.

**196317.** No. 6.

**196318 to 196331.**

From Germany. Seeds presented by the Botanic Garden, München-Nymphenburg. Received May 15, 1951.

- 196318. AGROSTIS ALPINA Scop. Poaceae.
- 196319. AGROSTIS NEBULOSA Boiss. & Reut.
- 196320. AGROSTIS RUPESTRIS All.
- 196321. BROMUS PUMPELLIANUS Scribn. Poaceae.
- 196322. BROMUS VERNALIS Panc.
- 196323. FESTUCA AMETHYSTINA L. Poaceae.
- 196324. FESTUCA VIOLACEA Gaudin.
- 196325. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.
- 196326. HORDEUM BULBOSUM L. Poaceae.
- 196327. MENTHA GATTEFOSSEI Maire. Menthaceae.
- 196328. MENTHA ROTUNDIFOLIA Huds.
- 196329. LEERSIA ORYZOIDES (L.) Swartz. Poaceae.
- 196330. POA CHAIXII Vill. Poaceae.
- 196331. POA VIOLACEA Bell.

**196332 to 196334.**

From France. Seeds presented by the Museum d'Histoire Naturelle, Paris. Received May 16, 1951.

- 196332. LOTUS WEILLERI Maire. Fabaceae.
- 196333. LUPINUS POLYPHYLLUS Lindl. Fabaceae. Washington lupine.
- 196334. VICIA PYRENAICA Pourr. Fabaceae.

**196335 to 196338.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received May 16, 1951.

- 196335. ASTREBLA LAPPACEA (Lindl.) Domin. Poaceae.  
*Curly Mitchell Grass.*
- 196336. LOLIUM RIGIDUM Gaud. Poaceae.  
*Wimmera Ryegrass.*
- 196337. PANICUM ANTIDOTALE Retz. Poaceae.  
*Giant Panic.*
- 196338. PHALARIS TUBEROSA L. Poaceae.

**196339 to 196376.**

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Director of Agricultural Education, Pretoria, Transvaal. Received May 16, 1951.

- 196339. DICHANTHIUM ARISTATUM (Poir.) C. E. Hubb. Poaceae.  
Vicinity of Pretoria.
- 196340 to 196352. Rietondale Grass Station, Pretoria. Originally from Cape Province except P. I. No. 196350. March 1951.
- 196340. DIGITARIA sp. Poaceae.  
Plots A-754, A-755. Oabi, Bechuanaland.
- 196341. DIGITARIA sp.  
Plot A-345. Strain 9. Kwaai, Bechuanaland.

## 196339 to 196376.—Continued

## 196340 to 196352.—Continued

196342. DIGITARIA sp.

Plot A-348. Strain 4. Kwaai.

196343. DIGITARIA sp.

Plot A-359. Strain 17. Kwaai.

196344. DIGITARIA sp.

Plot A-342. Strain 6. Kwaai.

196345. DIGITARIA sp.

Plot A-340. Strain 15. Kwaai.

196346. DIGITARIA sp.

Plots A-767, 768. Zanghun Pan, Bechuanaland.

196347. DIGITARIA sp.

Plot A-332. Strain 3. Gomoti River, Bechuanaland.

196348. DIGITARIA sp.

Plot A-117. Oudtshoorn.

196349. DIGITARIA sp.

Plot A-41. Inkruip, Kalahari.

196350. DIGITARIA sp.

Plot A-74. "Rietondale." Pretoria.

196351. DIGITARIA sp.

Plot A-120. Sel. No. 2. Olifantshoek.

196352. DIGITARIA sp.

Plot A-39. Kuruman.

196353. DOLICHOS LABLAB L. Fabaceae.

Hyacinth-bean.

Rietvlei Research Station, Windhoek, South-West Africa.

196354. EHRHARTA CALYCINA J. E. Smith. Poaceae. Perennial veldtgrass.

Victoria West, Cape Province.

196355 to 196357. ERAGROSTIS CURVULA (Schrud.) Nees. Poaceae.

196355. Ermelo type. Rietvlei Research Station, Windhoek, South-West Africa.

196356. *Grootfontein Strain*. Middelburg, Cape Province.

196357. Middelburg type. Middelburg.

196358. ERAGROSTIS SUPERBA Peyr.

Towoomba Research Station, Waterberg District, Transvaal.

196359. FINGERHUTHIA SESLERIAEFORMIS Nees. Poaceae.

Plot A-526. Rietondale Grass Station. Originally from Vryberg, Cape Province.

196360 to 196366. PANICUM COLORATUM L. Poaceae.

Rietondale Grass Station, Pretoria. Originally from places given.

196360. Eersteling type. Pietersburg, Transvaal.

196361. Plot A-609. Maun, Bechuanaland.

196362. Plot A-608. Gomoti River, Bechuanaland.

196363. Plot A-636. Bandolierskop, Transvaal.

196364. Plot A-614. Cradock, Cape Province.

**196339 to 196376.—Continued****196360 to 196366.—Continued**

196365. Plot A-679. Dongola Reserve.

196366. Plot A-664. Irene, near Pretoria.

**196367. PANICUM STAFFIANUM Fourc.**

Plot A-684. Dongala Reserve.

**196368. PANICUM sp.**

Potchefstroom, Transvaal.

**196369 to 196371. SETARIA SPHACELATA (Schumach.) Stapf & Hubb. Poaceae.**

Rietondale Grass Station, Pretoria. Originally from places given.

196369. Plot A-434. Matambora, Bechuanaland.

196370. Plot A-419. North of Louis Trichardt, Transvaal.

196371. Plot A-432. Lumbwa, Bechuanaland.

**196372 to 196375. SPOROBOLUS FIMBRIATUS Nees. Poaceae.**

196372. Plot A-541. Rietondale Grass Station, Pretoria. Originally from Vereeniging, Transvaal.

196373. Plot A-544. Rietondale Grass Station, Pretoria. Originally from Rakops, Bechuanaland.

196374. Radium, Waterberg District, Transvaal.

196375. Plot A-543. Rietondale Grass Station, Pretoria. Originally from Rustenburg, Transvaal.

**196376. THEMEDA sp. Poaceae.**

Devon, Transvaal.

**196377 to 196383.**

From Mexico. Roots and cuttings collected by H. S. Gentry, E. C. Ogden, and Charles Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 17, 1951.

**196377. DIOSCOREA sp. Dioscoreaceae.**

No. 51208. Four miles from Martínez de la Torre, Veracruz.

**196378. DIOSCOREA sp.**

No. 51210. Puebla.

**196379. DIOSCOREA COMPOSITA Hemsl.**

No. 51204. Veracruz.

**196380. STIGMAPHYLLON HUMBOLDTIANUM (DC.) Juss. Malpighiaceae.**

No. 51206. Oaxaca.

**196381. DIOSCOREA COMPOSITA Hemsl. Dioscoreaceae.**

No. 10414. San Andrés de Tuxtla, Veracruz.

**196382. DIOSCOREA MACROSTACHYA Benth.**

No. 10417. San Andrés de Tuxtla, Veracruz.

**196383. DIOSCOREA CONVULVACEA Cham. & Schl.**

No. 10408. South of Tierra Blanca, Veracruz.

**196384 to 196411. ZEA MAYS L. Poaceae.****Corn.**

From the Netherlands. Seeds presented by the Institute of Plant Breeding, and the Central Institute for Agricultural Research, Wageningen. Received May 17, 1951.

## 196384 to 196411.—Continued

196384 to 196392. From the Institute of Plant Breeding. Flint inbred lines.

- |                       |                          |
|-----------------------|--------------------------|
| 196384. <i>IVL-1.</i> | 196389. <i>IVL-8.</i>    |
| 196385. <i>IVL-2.</i> | 196390. <i>IVL-18-1.</i> |
| 196386. <i>IVL-4.</i> | 196391. <i>IVL-18-2.</i> |
| 196387. <i>IVL-6.</i> | 196392. <i>IVL-19.</i>   |
| 196388. <i>IVL-7.</i> |                          |

196393 to 196411. From the Central Institute for Agricultural Research.

196393. *16 Alscuties* × *Seckler aI.*  
 196394. *17 Alscuties* × *Seckler aIb.*  
 196395. *17 Chiengauer Iaa 2a.*  
 196396. *17 Chiengauer Iaa 2b.*  
 196397. *CIV-1.*  
 196398. *CIV-5.*  
 196399. *16 Northwestern Dent 4a 1a.*  
 196400. *17 Pfarrkirchner.*  
 196401. *13 Vroege gele ronde 45-12-48-2a.*  
 196402. *13 Vroege gele ronde 45-12-48-2b.*  
 196403. *14 Vroege gele ronde W49-X.*  
 196404. *16 Vroege gele ronde MI694-4-42-51bIax.*  
 196405. *16 Vroege gele ronde MI694-4-42-51b2.*  
 196406. *17 Vroege gele ronde IbI.*  
 196407. *17 Vroege gele ronde 43-14-3-b.*  
 196408. *17 Vroege gele ronde 43-15-4-aI.*  
 196409. *17 Vroege gele ronde 43-9-2a2.*  
 196410. *17 Vroege gele ronde E43-I-I-b.*  
 196411. *17 Vroege gele ronde 46-71-26a.*

## 196412 to 196414.

From Guatemala. Seeds collected by Robert C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received May 17, 1951.

196412 and 196413. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

196412. San Mateo Ixtatán. *Chamborote.*

196413. San Juan Ixcay. Seed large, black.

196414. *ZEAMAYS* L. Poaceae. Corn.

San Pedro Soloma. Seed yellow.

## 196415 to 196426.

From Denmark. Seeds presented by *Trifolium* Frø, Copenhagen. Received May 18, 1951.

196415 and 196416. *BRASSICA NAPUS* L. Brassicaceae. Rape.

196415. No. 01593.

196416. No. 01496.

196417. *BRASSICA NAPUS* var. *NAPOBRASSICA* (L.) Reichb. Rutabaga.

No. 01472.

## 196415 to 196426.—Continued

196418. *BRASSICA* sp.

No. 01558.

196419. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

No. 6752.

196420. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

No. 6815.

196421. *FESTUCA RUBRA* L.

Red fescue.

No. 71210.

196422 and 196423. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

196422. No. 01645.

196423. No. 01636.

196424 to 196426. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

196424. No. 9500.

196245. No. 167.

196426. No. 5695.

196427. *ZEA MAYS* L. Poaceae.

Corn.

From Massachusetts. Seeds presented by W. H. Lachman, University of Massachusetts, Amherst. Received May 18, 1951.

196428. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

From India. Seeds presented by the Vivekenanda Laboratory, Almora, United Provinces. Received May 21, 1951.

196429 to 196433. *STROPHANTHUS* spp. Apocynaceae.

From Africa. Seeds presented by S. B. Penick and Company, New York, N. Y. Received May 21, 1951.

196429. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

Angola.

196430. *STROPHANTHUS COURMONTII* Sacleux.

Nyasaland.

196431. *STROPHANTHUS GRANDIFLORUS* (N.E. Brown) Gilg.

Nyasaland.

196432. *STROPHANTHUS PETERSIANUS* Klotzsch.

Nyasaland.

196433. *STROPHANTHUS SCHUCHARDTII* Pax.

Angola.

196434 and 196435. *DIOSCOREA* spp. Dioscoreaceae.

From Mexico. Collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 21, 1951.

196434. *DIOSCOREA* sp.

No. 10443. Ten miles south of Uruapan, Michoacán. (Crowns.)

196435. *DIOSCOREA* sp.

No. 10453. Cañon de Marques, Michoacán. (Cuttings.)

196436. *SASA VEITCHII* (Carr.) Rehd. Poaceae.

Bamboo.

From Japan. Roots presented by the Yokohama Nursery Company, Yokohama. Received May 22, 1951.



**196437 to 196439. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Australia. Tubers presented by the Department of Agriculture, Sydney, New South Wales. Received May 22, 1951.

196437. *Factor*.

196438. *Monak*.

196439. *Moona*.

**196440 to 196450.**

From Honduras. Tubers collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 22, 1951.

196440. DIOSCOREA sp. Dioscoreaceae.

No. 3021. *Cuculmeca*. Olanchito, Yoro. May 10, 1951.

196441. DIOSCOREA sp.

No. 3026. *Name Blanca*. Tela. May 11, 1951.

196442. DIOSCOREA sp.

No. 3025. Tela. May 11, 1951.

196443. DIOSCOREA sp.

No. 3016. *Name Espina*. La Ceiba. May 8, 1951.

196444. DIOSCOREA CONVULVULACEA Cham. & Schl.

No. 3014. Lancetilla Experiment Station. May 8, 1951.

196445. DIOSCOREA sp.

No. 3010. *Yampa Morada*. Tela. May 7, 1951.

196446. DIOSCOREA sp.

No. 3023. *Name Amarillo*. Tela. May 11, 1951.

196447. DIOSCOREA sp.

No. 3011. *Name Blanco*. Tela. May 7, 1951.

196448. DIOSCOREA sp.

No. 3015. *Name Espina*. La Ceiba. May 8, 1951.

196449. DIOSCOREA sp.

No. 3024. *Name Barberis*. Tela. May 10, 1951.

196450. (Undetermined.)

No. 3022. *Name Puerco*. Olanchito, Yoro. May 10, 1951.

**196451 to 196475.**

From Nicaragua. Seeds collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 22, 1951.

Collected in 1951.

196451. CENTROSEMA sp. Fabaceae.

No. 2951.

196452. CENTROSEMA sp.

No. 2952.

196453. CENTROSEMA sp.

No. 2955.

196454. DIOSCOREA sp. Dioscoreaceae.

No. 2961. Rivas, Rivas. May 2, 1951.

## 196451 to 196475.—Continued

196455. DIOSCOREA sp.

No. 2962. San Antonio, near Rivas, Rivas. May 2, 1951.

196456. DIOSCOREA sp.

No. 2964. San Antonio, near Rivas, Rivas. May 2, 1951.

196457. ERYTHRINA sp. Fabaceae.

No. 2950. Near Matagalpa, Matagalpa. Apr. 29.

196458. GOSSYPIUM. Malvaceae.

Cotton.

No. 2958. Near Rivas, Rivas. May 2. Plant about 5 feet high, with heavy branches that are deciduous in the dry season.

196459 and 196460. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

Near Matagalpa, Matagalpa. Apr. 29. Indigenous type.

196459. No. 2953.

196460. No. 2954.

196461. PHASEOLUS SPECIOSUS H.B.K.

No. 2956. Near Matagalpa, Matagalpa. Apr. 29. Vine nearly 25 feet long.

196462 to 196469. PHASEOLUS VULGARIS L.

Common bean.

From Matagalpa, Matagalpa. Apr. 29.

196462. No. 2938.

196466. No. 2942.

196463. No. 2939.

196467. No. 2943.

196464. No. 2940.

196468. No. 2944.

196465. No. 2941.

196469. No. 2945.

196470. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

No. 2959. Near Rivas, Rivas. May 2.

196471. SORGHUM VULGARE Pers. Poaceae.

No. 2946. Matagalpa, Matagalpa. Apr. 29.

196472. VIGNA VEXILLATA (L.) Rich. Fabaceae.

No. 2932. El Recreo Experiment Station. Apr. 22.

196473 to 196475. ZEA MAYS L. Poaceae.

Corn.

From Matagalpa, Matagalpa. Apr. 29.

196473. No. 2947.

196474. No. 2948.

196475. No. 2949.

196476. TRIFOLIUM PRATENSE L. Fabaceae.

Red clover.

From Denmark. Seeds presented by Trifolium Frø, Copenhagen. Received May 22, 1951.

No. 936. A semilate variety.

## 196477 to 196484.

From Brazil. Seeds presented by M. L. Owen, Aquidauana, Mato Grosso. Received May 22, 1951.

196477. CUCUMIS ANGURIA L. Cucurbitaceae.

No. 8. A wild cucumber, eaten cooked with ground meat.

196478. DIGITARIA FUSCESCENS (Presl) Henr. Poaceae.

No. 14. A wild grass that thrives on poor soil; eaten by animals.

196479. ELEUSINE sp. Poaceae.

No. 15. A fast-growing, cultivated grass, good for livestock.

**196477 to 196484.—Continued**

196480. LUFFA AEGYPTIACA Mill. Cucurbitaceae. Suakwa towelgourd.

No. 6.

196481. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

No. 11. A very good variety.

196482. PASPALUM VIRGATUM L. Poaceae.

No. 16. Upright habit.

196483. PASPALUM sp.

No. 18. Drought-resistant.

196484. (Undetermined.)

No. 12. *Huyveiro*. An Andean plant with grapelike fruits.

**196485 to 196530. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.**

From Sweden. Seeds presented by Algot Holmberg & Soner, Norrköping.  
Received May 23, 1951.

196485. 201-8-31-6.	196508. 738-7.
196486. 201-14-10-1.	196509. 740-1.
196487. 201-14-10-4.	196510. 744-1.
196488. 201-14-11-4.	196511. 744-2.
196489. 201-14-11-6.	196512. 744-3.
196490. 201-14-15-5.	196513. 748-5.
196491. 201-14-18-1-1.	196514. 748-7.
196492. 201-14-18-1-8.	196515. 748-8.
196493. 201-14-18-1-13.	196516. 748-12.
196494. 201-14-18-1-19.	196517. 749-1.
196495. 201-14-18-1-23.	196518. 749-2.
196496. 201-14-18-1-25.	196519. 749-3.
196497. 201-14-18-11.	196520. 751-2.
196498. 201-14-18-14.	196521. 751-3.
196499. 201-14-18-18.	196522. 751-6.
196500. 201-14-18-20.	196523. 753-1.
196501. 634-13-42-2.	196524. 754-4.
196502. 634-20-4-29.	196525. 756-2.
196503. 699-2-4.	196526. 766-2.
196504. 706-4-1.	196527. 769-3.
196505. 733-4.	196528. 770-2.
196506. 737-1.	196529. 770-3.
196507. 738-6.	196530. 770-5.

**196531 and 196532. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

From Japan. Seeds presented by Maj. Andrew Blase, Fort Collins, Colo.  
Received May 23, 1951.

*Asahi Yamato* 4x × *Asahi Yamato* 2x. Said to be seedless. Purchased by Major Blase in Japan from a reputable Japanese seed company.

196531. No. 1.

196532. No. 2.

**196533. DIOSCOREA sp. Dioscoreaceae.**

From Mexico. Plants collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 23, 1951.

No. 10467. Tierra Blanca, Veracruz.

**196534. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Peru. Tubers obtained through the Institute of Inter-American Affairs, Lima. Received May 23, 1951.

**196535 and 196536. RHODODENDRON spp. Ericaceae.**

From the Southern United States. Plants growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered in May 1951.

Originally collected by C. O. Erlanson in 1936.

**196535. RHODODENDRON ALABAMENSE Rehd.**

No. 716. Bessemer, Ala. Flowers 30 to 40 in a cluster, very fragrant.

**196536. RHODODENDRON ATLANTICUM (Ashe) Rehd.**

No. 753. North Carolina. Taller than the typical form.

**196537 to 196542.**

From Italy. Seeds presented by the Stazione Sperimentale di Praticoltura, Lodi. Received May 24, 1951.

**196537. DACTYLIS GLOMERATA L. Poaceae. Orchard grass.****196538. LOLIUM MULTIFLORUM Lam. Poaceae. Italian ryegrass.****196539. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.****196540. MEDICAGO SATIVA L. Fabaceae. Alfalfa.****196541. PHLEUM PRATENSE L. Poaceae. Timothy.****196542. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.****196543 to 196574. ZEA MAYS L. Poaceae. Corn.**

From Israel. Seeds presented by A. Shlomi, Government Agricultural Experiment Station, Neveh-Yaar, Haifa. Received May 24, 1951.

196543. *Cherkes Corn O. P.* 196559. No. 321.

196544. No. 3. 196560. No. 330.

196545. No. 90. 196561. No. 338.

196546. No. 97. 196562. No. 344.

196547. No. 133. 196563. No. 364.

196548. No. 145. 196564. No. 375.

196549. No. 157. 196565. No. 436.

196550. No. 159. 196566. No. 459.

196551. No. 162. 196567. No. 464.

196552. No. 166. 196568. No. 485.

196553. No. 188. 196569. No. 592.

196554. No. 199. 196570. No. 700.

196555. No. 275. 196571. No. 780.

196556. No. 288. 196572. No. 956.

196557. No. 290. 196573. No. 977.

196558. No. 318. 196574. No. 992.

**196575 to 196577.**

From Argentina. Seeds obtained from Prof. A. Piovano, Mendoza, through Mrs. J. E. Winfield, Painted Post, N. Y. Received May 24, 1951.

**196575 and 196576.** CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**

**196575.** *Nora Sweet.*

**196576.** *Pe Pe.*

**196577.** CUCURBITA MAXIMA Duchesne. Cucurbitaceae. **Squash.**  
*Chilean Giant.*

**196578 to 196580.**

From Central America. Bulbs collected by Oliver M. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 25, 1951.

**196578.** HYPOXIS DECUMBENS L. Amaryllidaceae.

No. 3040. Cobán, Alta Verapaz, Guatemala. May 19, 1951.

**196579.** DIOSCOREA sp. Dioscoreaceae.

No. 3026. Tela, Honduras. May 11, 1951.

**196580.** ZEPHYRANTHES CARINATA Herbert. Amaryllidaceae. **Zephyrlily.**

No. 3038. Cobán, Alta Verapaz, Guatemala. May 19, 1951.

**196581.** GOSSYPIUM. Malvaceae. **Cotton.**

From Peru. Seeds presented by the Instituto de Genética, Lima. Received May 25, 1951.

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**196582.** GOSSYPIUM. Malvaceae. **Cotton.**

From Nicaragua. Seeds presented by the Servicio Tecnico Agrícola, Managua. Received May 26, 1951.

Collected in Somoto.

**196583 to 196600.** SORGHUM VULGARE Pers. Poaceae.

From Formosa. Seeds presented by the Taiwan Sugar Experiment Station, Tainan. Received May 25, 1951.

**196583.** No. 1. (Sweet.) **196592.** No. 11. Glumes red, spike yellow.

**196584.** No. 2. (Sweet.) **196593.** No. 12. *Daselo.*

**196585.** No. 3. (Sweet.) **196594.** No. 13. *Blauarmandeyalo.*

**196586.** No. 4. From India. **196595.** No. 14. (Sweet.)

**196587.** No. 5. **196596.** No. 16. *Karo.*

**196588.** No. 6. *Shang-Chuan.* **196597.** No. 17. *Italian.*

**196589.** No. 7. *Blau.* **196598.** No. 18.

**196590.** No. 8. **196599.** No. 19. *Kalame.*

**196591.** No. 10. *Ho-Ko.* **196600.** No. 20. *Dova-Benko.*

**196601.** CARTHAMUS TINCTORIUS L. Asteraceae. **Safflower.**

From the Anglo-Egyptian Sudan. Seeds presented by the Gezira Research Farm, Wad Medani. Received May 28, 1951.

**196602 to 196772.** ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Africa. Seeds presented by the Centre de Recherches Agronomiques de Bambey, Senegal. Received May 28, 1951.

Unless otherwise mentioned, material is from Senegal, French West Africa.



## 196602 to 196772.—Continued

196647. 210A. Mipioraye, French Guinea.  
 196648. 219. Cercle de Kouroussa, French Guinea.  
 196649. 224. Cercle de Dalaba, French Guinea.  
 196650. 227. Banlieue de Kays, French Sudan.  
 196651. 233. Cercle de Kong, Ivory Coast.  
 196652. *M'Pesoba*. Station Agricole M'Presoba, French Sudan.  
 196653 to 196670. Ferkéssédougou, Ivory Coast.
- |                 |                 |
|-----------------|-----------------|
| 196653. 48-15.  | 196662. 48-45.  |
| 196654. 48-16.  | 196663. 48-46.  |
| 196655. 48-25.  | 196664. 48-49.  |
| 196656. 48-33.  | 196665. 48-50.  |
| 196657. 48-34.  | 196666. 48-55.  |
| 196658. 48-37.  | 196667. 48-111. |
| 196659. 48-38.  | 196668. 48-114. |
| 196660. 48-38A. | 196669. 48-115. |
| 196661. 48-42.  | 196670. 48-154. |
196671. *Commune*. Baol.  
 196672. 28-204. *Abomey*. Dahomey, French West Africa.  
 196673. 209B. Medine Cercle de Kays, French Sudan.  
 196674. 234. Sepenedougou, Ferkéssédougou, Ivory Coast.  
 196675. 36-50. *Type Thioubou*. Sedhiou, Casamance.  
 196676. *Samba Tiga*. French Guinea.  
 196677. *Poumpoutoum*. French Guinea.  
 196678. *Chine I*. French Guinea.  
 196679. *Chine II*. French Guinea.  
 196680. *Blanche de Sadão*. Originally from Plovdiv, Bulgaria.  
 196681. *Kolda*. Kolda, Casamance.  
 196682. 41-11. Poumpoutoum.  
 196683. 48-145. Ferkéssédougou, Ivory Coast.  
 196684. 48-146B. Ferkéssédougou, Ivory Coast.  
 196685. 48-184. Ferkéssédougou, Ivory Coast.  
 196686. 47-2. Lac Aloatra, Madagascar.  
 196687. 47-13. Marovoay, Madagascar.  
 196688. 47-26. Marovoay, Madagascar.  
 196689. 47-56. Originally from Argentina.  
 196690. 47-59. Originally from Venezuela.  
 196691. 47-62. Belgian Congo.  
 196692. 47-68. Potchefstroom, Union of South Africa.  
 196693. 47-74. Originally from Sicily.  
 196694. 47-54. Originally from Antalya, Turkey.  
 196695. 203. *Abomey*. Dahomey, French West Africa.  
 196696. 210B. Mipioraye, French Guinea.

196697.	211.	Faranah, French Guinea.
196698.	212A.	Tiga Koumba.
196699.	212B.	<i>Macrocarpa</i> . French Guinea.
196700.	213.	French Guinea.
196701.	214A.	French Guinea.
196702.	214B.	French Guinea.
196703 to 196706.		Conerah, Cercle de Boke, French Guinea.
196703.	215.	196705. 217.
196704.	216.	196706. 218.
196707.	220.	Cercle de Kouroussa, French Guinea.
196708.	221.	Cercle de Kouroussa, French Guinea.
196709.	223.	Cercle de Dabla, French Guinea.
196710.	226.	Cercle de Kays, French Sudan.
196711.	228.	Canton Camera Cercle de Kays, French Sudan.
196712.	229.	Medina, Khasso, French Sudan.
196713.	232.	Cercle de Kays, French Sudan.
196714.	235.	Cercle de Bouake, Ivory Coast.
196715.	236.	Cercle de Bouake, Ivory Coast.
196716.	237.	Cercle de Bouake, Ivory Coast.
196717.	24-25.	<i>Bas-Saloum</i> .
196718.	32-11.	<i>Philippine White</i> . Gambia.
196719.	32-15.	Gambia.
196720.	37-66.	Tola, Canton Bourlivel, French Guinea.
196721.	40-93.	
196722.	40-101.	<i>Hybride No. 11</i> .
196723.	40-108.	<i>Hybride 20-28</i> .
196724.	41-37.	French Guinea.
196725.	41-68.	Youkoukoun, French Guinea.
196726.	<i>Rouge de Plovdiv</i> .	Originally from Plovdiv, Bulgaria.
196727.	<i>Guinee 3 graines</i> .	French Guinea.
196728.	<i>Natitingou</i> .	French West Africa.
196729.	<i>Porto Alegre</i> .	Originally from Plovdiv, Bulgaria.
196730.	<i>Guerte Niaye</i> .	Bas-Saloum.
196731.	<i>Kolo Saba</i> .	French Guinea.
196732.	<i>Rustembourg</i> .	Union of South Africa.
196733.	<i>Philippine 3 Graine</i> .	Union of South Africa.
196734.	<i>Spanish</i> .	Originally from Plovdiv, Bulgaria.
196735.	<i>Simba Tiga</i> .	French Guinea.
196736.	<i>Kanseish Niger</i> .	Niger, French West Africa.
196737 to 196743.		Lac Aloatra, Madagascar.
196737.	47-1.	196741. 47-7.
196738.	47-3.	196742. 47-8.
196739.	47-4.	196743. 47-9.
196740.	47-5.	



## 196602 to 196772.—Continued

196744 to 196752. Marovoay, Madagascar.

196744. 47-10. 196749. 47-20.

196745. 47-12. 196750. 47-21.

196746. 47-14. 196751. 47-21.

196747. 47-17. 196752. 47-25.

196748. 47-19.

196753. 47-30. Lac Aloatra, Madagascar.

196754. 47-36. Lac Aloatra, Madagascar.

196755. 47-45. Rabat, Morocco.

196756. 47-48. Originally from Martinique, French West Indies.

196757. 47-49. Originally from Martinique, French West Indies.

196758. 47-53. Originally from Turkey.

196759. 47-55. Originally from Turkey.

196760. 47-57. Originally from Argentina.

196761. 47-58. Originally from Bulgaria.

196762. 47-60. Originally from Greece.

196763. 47-61. Belgian Congo.

196764. 47-67. Originally from East Indies.

196765. 47-67B. Union of South Africa.

196766. 47-67D. Union of South Africa.

196767 to 196770. Potchefstroom, Union of South Africa.

196767. 47-69. 196769. 47-71.

196768. 47-71. 196770. 47-73.

196771. 47-75. Gambia.

196772. 47-28B. (No data.)

## 196773 to 196802.

From the Union of South Africa. Collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 28, 1951.

Collected May 1 to 12, 1951, in Cape Province. Unless otherwise noted, material collected was bulbs.

196773. ALBUCA sp. Liliaceae.

No. A-161. West bank of Brandewyn River near Traveler's Rest.

196774. ALBUCA sp.

No. A-169. Road east of Knoetze, between Willowmore and Miller. Forms clumps on dry rocky soil.

196775. BOOPHONE sp. Amaryllidaceae.

No. A-156. South of Springbok. Flowers deep rose, appearing without leaves.

196776. BRUNSVIGIA sp. Amaryllidaceae.

No. A-163. Near Rondegat, Oliphant's River Valley.

196777. BULBINE sp. Liliaceae.

No. A-158. One mile north of Concordia.

196778. BULBINELLA sp. Liliaceae.

No. A-151. Nineteen miles north of Clanwilliam.

## 196773 to 196802.—Continued

196779. *BRUNSVIGIA* sp. Amaryllidaceae.

No. A-164. Near Piquetberg.

196780. *DIOSCOREA ELEPHANTIPES* (L'Herit.) Engl. Dioscoreaceae.  
Elephant's foot.

No. A-170. Near Kalwerkop. Plant up to 3 feet tall; flowers yellow. (Tubers.)

196781 and 196782. *DIOSCOREA HEMICRYPTA* Burkill.

196781. No. A-168. Rocky slopes, Schoemanspoort. (Tubers.)

196782. No. A-167. Fifteen miles from Amaliestein at Huis River Pass. (Tubers.)

196783. *DIOSCOREA ELEPHANTIPES* (L'Herit.) Engl. Elephant's foot.

No. A-159. Seven miles east of Clanwilliam, at Pakhuis Pass, on sandstone boulders. (Tubers.)

196784. *DRIMIA* sp. Liliaceae.

No. A-155. Fifty-two miles south of Springbok, near Garies. In dry scrubby places.

196785. *FREESIA ELIMENSIS* L. Bolus. Iridaceae.

No. A-146. River Zonder, between Genadendaal and Caledon. Flowers white with yellow center, fragrant.

196786. *HAEMANTHUS CALLOSUS* Burchell. Amaryllidaceae.

No. A-143. Between Genadendaal and Caledon.

196787. *HAEMANTHUS* sp.

No. A-152. Nineteen miles north of Clanwilliam.

196788. *HAEMANTHUS* sp.

No. A-160. Seven miles east of Clanwilliam.

196789. *PERIPHANES ZEYHERI* (Baker) Leighton. Amaryllidaceae.

No. A-148. Along Oliphant's River between Citrusdal and Clanwilliam. Flowers pink, like those of a small *Nerine*.

196790. *LACHENALIA RUBIDA* Jacq. Liliaceae. Cape-cowslip.

No. A-166. Blauuberg Strand, north of Capetown. Showy red flowers.

196791. *LACHENALIA UNICOLOR* Jacq.

No. A-162. East of Clanwilliam.

196792. *MASSONIA* sp. Liliaceae.

No. A-157. South of Springbok.

196793. *NERINE* sp. Amaryllidaceae.

No. A-141. Du Toit's Pass, 24 miles west of Worcester. Pink flowers.

196794. *NERINE ANGUSTIFOLIA* Baker.

No. A-147. Near Genadendaal. Flowers pink.

196795. *ORNITHOGALUM* sp. Liliaceae.

No. A-149. South of Clanwilliam.

196796. *SCILLA* sp. Liliaceae.

No. A-145. Between Genadendaal and Caledon.

196797. *STRUMARIA RUBELLA* Jacq. Amaryllidaceae.

No. A-154. Twenty-eight miles north of Clanwilliam. Flowers white, appearing before leaves.

**196773 to 196802.—Continued**

196798. *URGINEA* sp. Liliaceae.

No. A-153. Nineteen miles north of Clanwilliam.

196799. *VELTHEIMIA* sp. Liliaceae.

No. A-150. Four miles south of Clanwilliam.

196800. (Undetermined.)

No. A-144. Between Genadendaal and Caledon.

196801. *EUCOMIS REGIA* Ait. Liliaceae.

No. A-165. Between Genadendaal and Caledon.

196802. (Undetermined.)

No. A-142. Between Genadendaal and Caledon. (Tubers.)

**196803. *MEDICAGO ARBOREA* L. Fabaceae.**

From Chile. Seeds obtained by Edgar A. Hodson, Soil Conservation Service, United States Department of Agriculture, through the American Embassy, Santiago. Received May 29, 1951.

**196804. *COIX LACRYMA-JOBI* var. *MA-YUEN* (Romanet) Stapf.**

Poaceae.

Adlay.

From the Philippine Islands. Seeds presented by the Director, Bureau of Plant Industry, Manila. Received July 3, 1951.

*Andang*. Bontoc, Luzon.

**196805. *MANGIFERA INDICA* L. Anacardiaceae.**

Mango.

From Pakistan. Seeds presented by Isom Deshotels. Received July 3, 1951.

Said to be from the best mangos in Pakistan.

**196806 to 196813.**

From Mexico. Seeds presented by Santiago F. Villanueva, Cuernavaca, Morelos. Received May 29, 1951.

196806. *CROTALARIA LONGIROSTRATA* Hook. & Arn. Fabaceae.

196807. *CROTALARIA* sp.

196808. *DESMODIUM* sp. Fabaceae.

196809. *GALACTIA* sp. Fabaceae.

196810 to 196812. *PHASEOLUS LUNATUS* L. Fabaceae.

Lima bean.

196810. No. 1.

196811. No. 2.

196812. No. 3.

196813. *PHASEOLUS* sp.

**196814. *SORGHUM VULGARE* Pers. Poaceae.**

From the Hawaiian Islands. Seeds presented by A. J. Mangelsdorf, Agricultural Experiment Station, Honolulu. Received May 29, 1951.

**196815 and 196816. *TRITICUM AESTIVUM* L. Poaceae.**

Common wheat.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received May 29, 1951.

196815. 1013 G-48.

196816. 1278 G-48.

**196817. HORDEUM JUBATUM L. Poaceae. Foxtail barley.**

From Sweden. Seeds presented by the Hortus Botanicus Bergianus, Stockholm. Received June 5, 1951.

**196818 to 196917.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 29, 1951.

Collected in 1951.

**196818. ACACIA sp. Mimosaceae.**

No. 9989. Vicinity of Lekemti Airfield. Apr. 2, 3.

**196819. AFRAMOMUM sp. Zingiberaceae.**

No. 10019. Market, Lekemti. Apr. 5.

**196820. ALOE sp. Liliaceae.**

No. 9912. Robit, Rift Valley. Mar. 3.

**196821. ALOE sp.**

No. 10106. Selale region, 29 miles south of Addis Ababa. Apr. 24.

**196822. AMARYLLIS sp. Amaryllidaceae.**

No. 10048. Hollata, Shoa Province. Apr. 17.

**196823. AMMI COPTICUM L. Apiaceae.**

No. 10012. Market, Lekemti. Apr. 5.

**196824. PRUNUS AMYGDALUS (L.) Batsch. Amygdalaceae. Almond.**

No. 10046. Hollata, Shoa Province. Apr. 17.

**196825. PRUNUS PERSICA (L.) Batsch. Peach.**

No. 9991. Lekemti. Apr. 2.

**196826. ANDROPOGON sp. Poaceae.**

No. 10010. Between Gedo and Ambo. Mar. 4.

**196827 to 196830. Malu farm, 31 miles south of Addis Ababa. Apr. 14, 15.****196827. ANDROPOGON sp.**

No. 10079. *Sanbalit*. Thatching grass, shortest type.

**196828. HYPARRHENIA sp. Poaceae.**

No. 10080. *Sanbalit*. Thatching grass, tallest type.

**196829. ANDROPOGON sp. Poaceae.**

No. 10081. *Sanbalit*. Thatching grass, medium type.

**196830. ANDROPOGON sp.**

No. 10082. *Balami*. Perennial tussocks; good hay.

**196831. APIUM GRAVEOLENS L. Apiaceae. Celery.**

No. 10047. Hollata. Apr. 17.

**196832. ARACHIS HYPOGAEA L. Fabaceae. Peanut.**

No. 10018. Market, Lekemti. Apr. 5.

**196833. ARISTIDA sp. Poaceae.**

No. 10003. Between Lekemti and Baco. Apr. 4.

**196834. AVENA sp. Poaceae.**

No. 10095. Market, Hollata. Apr. 17.

**196835. AVENA sp.**

No. 10036. Market, Lekemti. Apr. 5.

## 196818 to 196917.—Continued

196836. *BRASSICA* sp. Brassicaceae.  
No. 10016. Market, Lekemti. Apr. 5.
196837. *BRYOPHYLLUM* sp. Crassulaceae.  
No. 10002. Lekemti. Apr. 2.
196838. *CARICA PAPAYA* L. Caricaceae. Papaya.  
No. 10119. Shop, Addis Ababa. Apr. 25.
196839. *HELIANTHUS ANNUUS* L. Asteraceae. Sunflower.  
No. 10025. Market, Lekemti. Apr. 5.
196840. *CICER ARIETINUM* L. Fabaceae. Chickpea.  
No. 10030. Market, Lekemti. Apr. 5.
196841. *CICHORIUM ENDIVIA* L. Cichoriaceae. Endive.  
No. 10066. Shop, Addis Ababa. Apr. 16.
196842. *COFFEA* sp. Rubiaceae. Coffee.  
No. 10029. Market, Lekemti. Apr. 5.
196843. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.  
No. 10015. Market, Lekemti. Apr. 5.
196844. *CUCUMIS FICIFOLIUS* A. Rich. Cucurbitaceae.  
No. 10000. Lekemti. Apr. 2.
196845. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.  
No. 10067. Shop, Addis Ababa. Apr. 16.
196846. *CYDONIA OBLONGA* Mill. Malaceae. Quince.  
No. 10097. Shop, Addis Ababa. Apr. 16.
196847. *DAUCUS CAROTA* L. Apiaceae. Carrot.  
No. 10065. Shop, Addis Ababa. Apr. 16.
- 196848 and 196849. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae. Ragi.  
196848. No. 10025. Market, Lekemti. Apr. 5.  
196849. No. 10100. Market, Lekemti. Apr. 19.
196850. *ENTADA ABYSSINICA* Steud. Mimosaceae.  
No. 10004. Between Lekemti and Baco. Apr. 4.
196851. *ERAGROSTIS TEF* (Zuccagni) Trotter. Poaceae. Teff.  
No. 10087. Malu farm, 31 miles south of Addis Ababa. Apr. 14.
196852. *ERAGROSTIS TENUIFOLIA* (A. Rich.) Hochst.  
No. 10054. Hollata. Apr. 17.
196853. *ELEUSINE FLOCCIFOLIA* (Forsk.) Spreng. Poaceae.  
No. 10083. Malu farm, 31 miles south of Addis Ababa. Apr. 14.
196854. *SPOROBOLUS PYRAMIDALIS* Beauv. Poaceae.  
No. 10088. Malu farm, 31 miles south of Addis Ababa. Apr. 15.
196855. *ERYTHRINA* sp. Fabaceae.  
No. 9999. Lekemti. Apr. 2. *Korch*. Spiny tree 30 feet high.
196856. *GUIZOTIA ABYSSINICA* (L.f.) Cass. Asteraceae.  
No. 10032. Market, Lekemti. Apr. 5.

## 196818 to 196917.—Continued

- 196857 to 196862. *HORDEUM* spp. Poaceae. **Barley.**  
 196857. *HORDEUM IRREGULARE* Åberg & Wiebe.  
 No. 10031. Market, Lekemti. Apr. 5.  
 196858. *HORDEUM* sp.  
 No. 10034. Market, Lekemti. Apr. 5.  
 196859. *HORDEUM* sp.  
 No. 10057. Market, Hollata. Apr. 17.  
 196860 to 196862. From Malu farm, 31 miles south of Addis Ababa.  
 Apr. 14.  
 196860 and 196861. *HORDEUM VULGARE* L. **Common barley.**  
 196860. No. 10086.  
 196861. No. 10092.  
 196862. *HORDEUM* sp.  
 No. 10094.
196863. *LATHYRUS CICERA* L. Fabaceae.  
 No. 10056. Market, Hollata. Apr. 17.
196864. *LENS CULINARIS* Medic. Fabaceae. **Lentil.**  
 No. 10014. Market, Lekemti. Apr. 5.
196865. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 No. 10011. Market, Lekemti. Apr. 5.
196866. *LOLIUM TEMULENTUM* L. Poaceae. **Darnel.**  
 No. 10038. Sorted from wheat and barley, market, Lekemti. Apr. 5.
196867. *LUPINUS ALBUS* L. Fabaceae. **White lupine.**  
 No. 10063. 13 miles southwest of Addis Ababa. Apr. 17.
196868. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
 No. 10064. Shop, Addis Ababa. Apr. 16.
196869. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 No. 10013. Market, Lekemti. Apr. 5.
196870. *OLEA CHRYSOPHYLLA* Lam. Oleaceae.  
 No. 10044. Near Hollata. Apr. 17.
196871. *PASSIFLORA EDULIS* Sims. Passifloraceae.  
 No. 10120. Cultivated, Addis Ababa. Apr. 25.
196872. *PENNISSETUM* sp. Poaceae.  
 No. 10077. *Kumetti*. 31 miles south of Addis Ababa. Apr. 15.
196873. *PHALARIS PARADOXA* L. Poaceae.  
 No. 10078. Malu farm, 31 miles south of Addis Ababa. Apr. 14.
- 196874 and 196875. *PHOENIX ABYSSINICA* Drude. Phoenicaceae. **Palm.**  
 196874. No. 10009. Between Gedo and Ambo. Apr. 5. Common throughout Wollega Province. Fruits edible, freely produced.  
 196875. No. 10068. Malu farm, 31 miles south of Addis Ababa. Apr. 14.
- 196876 and 196877. *PISUM SATIVUM* L. Fabaceae. **Pea.**  
 Market, Lekemti. Apr. 5.  
 196876. No. 10035.  
 196877. No. 10026

## 196818 to 196917.—Continued

196878. *PHYSALIS PERUVIANA* L. Solanaceae. Peruvian groundcherry.  
No. 10069. Malu farm, 31 miles south of Addis Ababa. Apr. 14.
196879. *PUNICA GRANATUM* L. Punicaceae. Pomegranate.  
No. 10098. Shop, Addis Ababa. Apr. 17.
- 196880 to 196883. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
196880. No. 9982. Addis Ababa. Mar 19.  
196881. No. 9993. Vicinity of Lekemti Airfield. Apr. 2.  
196882. No. 9994. Vicinity of Lekemti Airfield. Apr. 2.  
196883. No. 10028. Market, Lekemti. Apr. 5.
196884. *ROSA* sp. Rosaceae. Rose.  
No. 10045. Hollata. Apr. 17. Bush 10 feet high; flowers semidouble red with blackish blush at maturity; freely borne.
196885. *ROSA* sp.  
No. 10053. Hollata. Apr. 17. A common climber; flowers single, white, fragrant; the national flower of Ethiopia.
196886. *RUBUS* sp. Rosaceae.  
No. 9998. Lekemti. Apr. 2.
196887. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
No. 10099. Market, Lekemti. Apr. 19.
196888. *SESBANIA* sp. Fabaceae.  
No. 9986. Baco. Mar. 31. Slender shrub, up to 20 feet high.
196889. *SETARIA* sp. Poaceae.  
No. 9995. Lekemiti. Apr. 2. In clumps 3 feet high.
196890. *SORGHUM* sp. Poaceae.  
No. 10085. Malu farm, 31 miles south of Addis Ababa. Apr. 15.
- 196891 and 196892. *SORGHUM VULGARE* Pers.  
196891. No. 10027. Market, Lekemti. Apr. 5.  
196892. No. 10089. Malu farm, 31 miles south of Addis Ababa. Apr. 15.
196893. *SPARTIUM JUNCEUM* L. Fabaceae.  
No. 10062. Outskirts of Addis Ababa. Apr. 18.
196894. *SPOROBOLUS* sp. Poaceae.  
No. 10113. Near village of Selulita. Apr. 24.
196895. *TRIFOLIUM SUBROTUNDUM* Steud. & Hochst. Fabaceae.  
No. 10076. Malu farm, 31 miles south of Addis Ababa. Apr. 15.
196896. *TRIFOLIUM SEMIPILOSUM* Fresen.  
No. 10055. Hollata. Apr. 17. White flowered, very common.
196897. *TRIFOLIUM* sp.  
No. 10075. Malu farm, 31 miles south of Addis Ababa. Apr. 15.
196898. *TRIFOLIUM TEMBENSE* Fresen.  
No. 10084. Malu farm. Apr. 14.
196899. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
No. 10017. Market, Lekemti. Apr. 5.

## 196818 to 196917.—Continued

196900 to 196903. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

196900. No. 10021. Market, Lekemti. Apr. 5.

196901. No. 10022. Market, Lekemti. Apr. 5.

196902. No. 10060. Market, Hollata. Apr. 17.

196903. No. 10091. Malu farm, 31 miles south of Addis Ababa. Apr. 14, 15.

196904 and 196905. *TRITICUM DICOCCUM* Schrank. Emmer.

196904. No. 10020. Market, Lekemti. Apr. 5.

196905. No. 10090. Malu farm, 31 miles south of Addis Ababa. Apr. 14.

196906. *TRITICUM* sp.

No. 9730. Dessie. Feb. 22.

196907. *TRITICUM* sp.

No. 10058. Market, Hollata. Apr. 17.

196908. *TRITICUM* sp.

No. 10059. Market, Hollata. Apr. 17.

196909. *TRITICUM* sp.

No. 10093. Malu farm, 31 miles south of Addis Ababa. Apr. 14.

196910. *URGINEA* sp. Liliaceae.

No. 10005. Between Lekemti and Baco. Apr. 4.

196911. *URGINEA* sp.

No. 10103. Selale region, 28 miles south of Addis Ababa. Apr. 24.

196912. *URGINEA* sp.

No. 10110. Near Selulita, 13 miles south of Addis Ababa. Apr. 24.

196913. *VERBENA* sp. Verbenaceae.

No. 10117. Entoto Hills. Apr. 24.

196914 and 196915. *VICIA FABA* L. Fabaceae. Broadbean.

196914. No. 9671. Dessie. Feb. 19.

196915. No. 10024. Market, Lekemti. Apr. 5.

196916. *VICIA ANGUSTIFOLIA* Reich.

No. 10072. Malu farm, 31 miles south of Addis Ababa. Apr. 14.

196917. *ZEA MAYS* L. Poaceae. Corn.

No. 10033. Market, Lekemti. Apr. 5.

196918 and 196919. *DIOSCOREA* spp. Dioscoreaceae.

From Mexico. Tubers collected by Eugene C. Ogden and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 29, 1951.

196918. *DIOSCOREA* sp.

No. 51209. Veracruz. May 10, 1951.

196919. *DIOSCOREA* sp.

No. 51211. Puebla. May 13, 1951.

## 196920 to 196940.

From Mexico. Collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 31, 1951.

Collected in 1951. Material collected was seeds, unless otherwise noted.



**196920 to 196940.—Continued****196920.** DIOSCOREA sp. Dioscoreaceae.

No. 10444. Uruapan, Michoacán. May 11. (Tubers.)

**196921.** DIOSCOREA sp.

No. 10454. Cañon del Marques, Michoacán. May 12. (Tubers.)

**196922.** DIOSCOREA sp.

No. 10468. Tierra Blanca, Veracruz. May 17. (Tubers.)

**196923 to 196925.** CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.**Cushaw.**

Market, Córdoba, Veracruz. Apr. 26.

**196923.** No. 10391. Said to come from the Isthmus of Tehuantepec.**196924.** No. 10394. Said to come from Morelos or Guerrero.**196925.** No. 10395. Said to come from Chiapas.**196926.** DIOSCOREA sp. Dioscoreaceae.

No. 10415. San Andrés de Tuxtla, Veracruz.

**196927 to 196936.** PHASEOLUS VULGARIS L. Fabaceae. **Common bean.****196927 to 196934.** Market, Córdoba, Veracruz. Apr. 26.**196927.** No. 10392. *Frijol Criollo.***196928.** No. 10397. *Frijol Bayo Oscuro.***196929.** No. 10398. *Aluvia Chica.***196930.** No. 10400. *Frijol Amarilla.***196931.** No. 10401. *Frijol Aluvia.***196932.** No. 10402. *Frijol Bayo.***196933.** No. 10403. *Frijol Bayo Mantequilla.***196934.** No. 10404. *Frijol Ayocote.***196935.** No. 10418. Market, San Andrés de Tuxtla, Veracruz. Apr. 30.**196936.** No. 10419. Market, San Andrés de Tuxtla, Veracruz. Apr. 30.**196937.** PIMENTA OFFICINALIS Lindl. Myrtaceae. **Allspice.**

No. 10399. Market, Córdoba, Veracruz. Apr. 26.

**196938.** STIZOLOBIMUM sp. Fabaceae.

No. 10406. Thirty-five miles east of Córdoba, Veracruz. Apr. 27.

**196939 and 196940.** ZEA MAYS L. Poaceae. **Corn.****196939.** No. 10393. Market, Córdoba, Veracruz. Apr. 26.**196940.** No. 10420. Market, San Andrés de Tuxtla, Veracruz. Apr. 30.**196941.** SACCHARUM. Poaceae. **Sugarcane.**

From New Guinea. Cuttings presented by Dr. John N. Warner, Hawaiian Sugar Planters' Association, Honolulu, T. H. Received June 1, 1951.

No. 91.

**196942 to 196960.**

From Guatemala. Collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1951.

Collected in May 1951.

**196942.** ANTHERICUM sp. Liliaceae.

No. 3045. Volcán de Siete Orejas, Quezaltenango. (Plants.)

## 196942 to 196960.—Continued

196943 to 196947. DIOSCOREA spp. Dioscoreaceae.

Near Volcán Santa Maria, Quezaltenango. (Tubers.)

196943. DIOSCOREA sp.

No. 3052.

196944. DIOSCOREA sp.

No. 3055.

196945. DIOSCOREA sp.

No. 3056.

196946 and 196947. DIOSCOREA CONVULVULACEA Cham. &amp; Schl.

196946. No. 3057.

196947. No. 3058.

196948 to 196952. PHASEOLUS spp. Fabaceae.

Departamento Quezaltenango. May 24, 25. (Seeds.)

196948. PHASEOLUS sp.

No. 3048. Between Zunil and Santa María.

196949. PHASEOLUS sp.

No. 3049. Volcán Santa Maria.

196950. PHASEOLUS sp.

No. 3050. *Frijol de Montana*. Volcán Santa Maria.

196951. PHASEOLUS sp.

No. 3051. Volcán Santa Maria.

196952. PHASEOLUS sp.

No. 3060. Cumbre de Olantepeque.

196953. SMILACINA FLEXUOSA Bertol. Convallariaceae.

No. 3053. Volcán Santa Maria, Quezaltenango. (Roots.)

196954. SOLANUM sp. Solanaceae.

No. 3047. Volcán de Siete Orejas, Quezaltenango. (Tubers.)

196955. (Undetermined.)

No. 3041. Near Caxin, Huehuetenango. Blue flowers. (Plants.)

196956. (Undetermined.)

No. 3042. Near Caxin. (Plants.)

196957. RIGIDELLA IMMACULATA Herb. Iridaceae.

No. 3043. Near Caxin. (Bulbs.)

196958. (Undetermined.)

No. 3044. Cerro Chimal. (Plants.)

196959. (Undetermined.)

No. 3046. Volcán de Siete Orejas, Quezaltenango. (Plants.)

196960. (Undetermined.)

No. 3054. Volcán Santa Maria, Quezaltenango. (Roots.)

## 196961 and 196962.

From the Union of South Africa. Seeds collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 1, 1951.

**196961 and 196962.—Continued**

**196961.** DIOSCOREA HEMICRYPTA Burkill. Dioscoreaceae.

No. A-167. Fourteen miles from Amaliestein, Huis River Pass, Cape Province. May 11, 1951.

**196962.** HIBISCUS LUDWIGII Eckl. & Zeyh. Malvaceae.

From the National Botanic Garden, Kirstenbosch, Cape Province. Originally from the eastern part of Cape Province.

**196963 to 196967. LINUM USITATISSIMUM L. Linaceae. Flax.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received June 1, 1951.

**196963.** Kenya C. I. 709-1.

**196966.** Variety 48A.

**196964.** Khorramabad.

**196967.** Wada.

**196965.** Rija Contrekport

**196968 to 196973.**

From Guatemala. Collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received June 4, 1951.

From near Amatitlan, Departamento de Guatemala.

**196968.** DIOSCOREA DENSIFLORA Hemsl. Dioscoreaceae.

No. 3065. (Roots.)

**196969.** PHASEOLUS LUNATUS L. Fabaceae.

**Lima bean.**

No. 3069. (Plants.)

**196970.** PHASEOLUS VULGARIS L.

**Common bean.**

No. 3070. (Plants.)

**196971.** SMILACINA sp. Liliaceae.

No. 3067. (Plants.)

**196972.** CRINUM ERUBESCENS Ait. Amaryllidaceae.

No. 3064. (Roots.)

**196973.** (Undetermined.)

No. 3066. Probably Amaryllidaceae. (Roots.)

**196974 to 196982.**

From Ethiopia. Collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 4, 1951.

Collected in May 1951.

**196974.** ALOE sp. Liliaceae.

No. 10227. Vicinity of Diredawa. A small plant; flowers pale dusty red, with yellow tips. Leaves pale green with light yellow spots. (Plants.)

**196975 and 196976.** MANGIFERA INDICA L. Anacardiaceae. **Mango.**

**196975.** No. 10219. Diredawa. Fruits bright yellow, 2 inches long. (Seeds.)

**196976.** No. 10224. Near Diredawa. (Seeds.)

**196977.** SANSEVIERIA sp. Liliaceae.

No. 10148. Between Diredawa and Errer. Fiber used to tie packages. (Roots and plants.)

**196978.** DIPCADIA VIRIDE Moench. Liliaceae.

No. 10145. Errer. (Bulbs.)

**196974 to 196982.—Continued**

196979. *CRINUM CRASSIPES* Baker. Amaryllidaceae.

No. 10146. Error. Flowers said to be white. (Bulb.)

196980. *CISSUS* sp. Vitaceae.

No. 10142. Diredawa. Fleshy xerophyte; flowers yellow. (Leaf.)

196981. *IPOMOEA* sp. Convolvulaceae.

No. 10123. Diredawa. May 7, 1951. Woody vine, up to 8 feet long. Flowers pale pink. Cultivated but also wild. (Cuttings.)

196982. (Undetermined.)

No. 10130. Diredawa. Leafy shrub up to 10 feet high. Flowers rosy pink and yellow. Plant used as trimmed hedge in Harar. (Plants.)

**196983 to 196985.**

From Mexico. Tubers collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 4, 1951.

196983. (Undetermined.)

No. 10496. Nayarit. May 22, 1951. Probably Cycadaceae.

196984. *DIOSCOREA* sp. Dioscoreaceae.

No. 10467. Tierra Blanca, Jalisco. May 17, 1951.

196985. *DIOSCOREA* sp.

No. 10474. Barrancas, Jalisco. May 19, 1951.

**196986 and 196987.**

From Mexico. Roots collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 5, 1951.

196986. *DIOSCOREA* sp. Dioscoreaceae.

No. 10475. Barrancas, Jalisco. May 19, 1951.

196987. *SPREKELIA* sp. Amaryllidaceae.

No. 10501. Nayarit. May 24, 1951.

**196988 and 196989. *HIBISCUS CANNABINUS* L. Malvaceae. Kenaf.**

From Formosa. Seeds presented by Prof. Yuen-Liang Ku, Agronomy Department, National Taiwan University, Taipei. Received June 6, 1951.

196988. *Madras Blue*. Originally from India.

196989. *Nadiad Red*. Originally from India.

**196990 to 197068.**

From Central America. Collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 5, 1951.

Collected in 1951. Unless otherwise mentioned, material was received as seeds.

196990 to 196995. *CAJANUS CAJAN* (L.) Druce. Fabaceae. **Pigeonpea.**

196990 and 196991. Near Potosí, near Rivas, Nicaragua. May 4.

196990. No. 2986.

196991. No. 2988.

196992 to 196995. From Honduras.

196992. No. 2989. Near San Pedro Sula. Apr. 6.

196993. No. 2992. San Pedro Sula. Apr. 6.

196994. No. 2993. San Pedro Sula. Apr. 6.

196995. No. 3008. Market, Tela. May 7.

## 196990 to 197068.—Continued

196996. *CANAVALIA* sp. Fabaceae.

No. 2973. Near Rivas, Nicaragua. May 1, 2.

196997. *CANAVALIA* sp.

No. 2976. Near Rivas. May 2.

196998. *CANAVALIA* sp.

No. 2997. Near San Pedro Sula, Honduras. Apr. 6.

196999. *CANAVALIA* sp.

No. 3004. Santa Marta, near San Pedro Sula, Honduras. Apr. 10.

197000. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

No. 3000. *Chiltepe de Montana*. Near San Pedro Sula, Honduras. Apr. 10.197001 to 197004. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

197001. No. 2971. Near Rivas, Nicaragua. May 1, 2.

197002. No. 2982. Near Potosí, Nicaragua. May 4.

197003. No. 2996. Near San Pedro Sula, Honduras. Apr. 6.

197004. No. 2998. Near San Pedro Sula. Apr. 6.

197005. *CENTROSEMA* sp.

No. 2972. Near Rivas, Nicaragua. May 1, 2.

197006. *CENTROSEMA* sp.

No. 2978. Near Rivas. May 1.

197007. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 2869. Market, San Salvador, El Salvador. Apr. 1.

197008. *DIOSCOREA* sp. Dioscoreaceae.

No. 3021. Mountains near Olanchito, Yoro, Honduras. May 10.

197009. *DIOSCOREA* sp.

No. 3028. Near Ahuachapán, Ahuachapán, El Salvador.

197010. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

No. 2990. San Pedro Sula, Honduras. Apr. 6.

197011. *GALACTIA* sp. Fabaceae.

No. 2999. Near San Pedro Sula, Honduras. Apr. 6.

197012. *GALACTIA* sp.

No. 3002. Rio Igarito, near Santa Rosa, Copán, Honduras. Apr. 8.

197013. *JATROPHA* sp. Euphorbiaceae.

No. 3017. Cuyamel, near La Ceiba, Honduras. May 9.

197014 to 197018. *PHASEOLUS ATROPURPUREUS* DC. Fabaceae.

197014. No. 2641. Forty miles from Jalapa, Guatemala. Mar. 10.

197015. No. 2974. Near San Jorge, Rivas, Nicaragua. May 2.

197016. No. 2979. Near Rivas, Rivas, Nicaragua. May 2.

197017. No. 2984. Near Potosí, Rivas, Nicaragua. May 4.

197018. No. 3020. Near Olanchito, Yoro, Honduras. May 10.

197019. *PHASEOLUS AUREUS* Roxb.

Mung bean.

No. 3012. Lancetilla Experiment Station, Tela, Honduras. May 8.

## 196990 to 197068.—Continued

197020 to 197029. *PHASEOLUS LUNATUS* L.

Lima bean.

197020 to 197027. From El Salvador.

197020. No. 2857. Market, Santa Tecla. Mar. 31.

197021. No. 2860. Near Escorial, La Libertad. Apr. 1.

197022. No. 2861. Near Escorial. Apr. 1.

197023. No. 2862. Near Escorial. Apr. 1.

197024. No. 2865. Market, San Salvador. Apr. 1.

197025. No. 2868. Market, San Salvador. Apr. 1.

197026. No. 2872. Near Apulo, Lago Ilopango. Apr. 2.

197027. No. 2873. Near Apulo. Apr. 2.

197028. No. 2975. Near Rivas, Rivas, Nicaragua. May 2.

197029. No. 2983. Near Potosí, Rivas, Nicaragua. May 4.

197030 to 197038. *PHASEOLUS VULGARIS* L.

Common bean.

197030. No. 2858. Market, Santa Tecla, El Salvador. Mar. 31.

197031. No. 2864. Market, San Salvador. Apr. 1.

197032. No. 2866. Market, San Salvador. Apr. 1.

197033. No. 2867. Market, San Salvador. Apr. 1.

197034. No. 2965. Market, Rivas, Rivas, Nicaragua. May 1.

197035. No. 2966. Market, Rivas, Rivas, Nicaragua. May 1.

197036. No. 2987. Near Potosí, Rivas, Nicaragua. May 4.

197037. No. 3007. Market, Tela, Honduras. May 7.

197038. No. 3013. Market, La Ceiba, Honduras. May 8.

197039 and 197040. *PHASEOLUS SPECIOSUS* H.B.K.

197039. No. 2863. Near Escorial, side of Volcán San Salvador, El Salvador. Apr. 1.

197040. No. 2969. Near San Jorge, Rivas, Nicaragua. May 1.

197041. *PHASEOLUS* sp.

No. 2855. Market, Santa Tecla, El Salvador. Mar. 31.

197042. *PHASEOLUS* sp.

No. 2981. Near Potosí, Rivas, Nicaragua. May 4.

197043 and 197044. *PISUM SATIVUM* L. Fabaceae.

Pea.

197043. No. 2994. San Pedro Sula, Honduras. Apr. 6.

197044. No. 3005. Santa Marta, near San Pedro Sula. Apr. 6.

197045. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae.

Yam-bean.

No. 3006. Santa Marta, near San Pedro Sula, Honduras. Apr. 10.

197046. *RHYNCHOSIA* sp. Fabaceae.

No. 2974. Near Apulo, Lago Ilopango, El Salvador. Apr. 2.

197047. *RHYNCHOSIA* sp.

No. 2995. Near San Pedro Sula, Honduras. Apr. 6.

197048. *RICINUS COMMUNIS* L. Euphorbiaceae.

Castorbean.

No. 3027. Near Ahuachapán, El Salvador. May 14.

197049 and 197050. *SORGHUM VULGARE* Pers. Poaceae.

197049. No. 2870. Market, San Salvador, El Salvador. Apr. 1.

197050. No. 2968. Market, Rivas, Rivas, Nicaragua. May 1.

## 196990 to 197068.—Continued

197051 and 197052. *STIZOLOBIUM ATERRIMUM* Piper & Tracy. Fabaceae.

197051. No. 2991. *Pica Dulce*. Hacienda Chotepe, Cortés, Honduras. Apr. 6. Used as forage and as cover crop.

197052. No. 3001. Court, Municipal Building, San Pedro Sula, Honduras. Apr. 6.

197053. *STIZOLOBIUM* sp.

No. 2977. Near Rivas, Rivas, Nicaragua. May 2.

197054. *STIZOLOBIUM* sp.

No. 3003. Near Santa Rosa, Copán, Honduras. Apr. 8. Pods covered with stinging hairs.

197055. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

Catjang.

No. 2985. *Frijol de Bara*. Near Potosí, Rivas, Nicaragua. May 4.

197056 and 197057. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

197056. No. 2856. *Frijol de Castilla*. Market, Santa Tecla, El Salvador. Mar. 31.

197057. No. 3009. Market, Tela, Honduras. May 7.

197058. *VIGNA* sp.

No. 2980. Near Rivas, Rivas, Nicaragua. May 2.

197059. *VIGNA* sp.

No. 2970. Near Rivas. May 1, 2.

197060. *VIGNA* sp.

No. 3018. Loop Junction, Honduras. May 9.

197061 and 197062. *ZEA MAYS* L. Poaceae.

Corn.

197061. No. 2859. *Maiz Blanco*. Santa Tecla, El Salvador. Mar. 31.

197062. No. 2967. *Maiz Blanco*. Near Rivas, Rivas, Nicaragua. May 1, 2.

197063 and 197064. *DIOSCOREA BARTLETTII* Morton. Dioscoreaceae.

197063. No. 3084. Near Uaxactún, Petén, Guatemala. June 1. (Tubers.)

197064. No. 3093. Near Ticul, Petén. June 1. (Tubers.)

197065 to 197068. Near Uaxactún, Petén, Guatemala. June 1.

197065. (Undetermined.)

No. 3094. (Roots.)

197066. (Undetermined.)

No. 3095. (Plant.)

197067. (Undetermined.)

No. 3096. (Roots.)

197068. (Undetermined.)

No. 3097. (Roots.)

## 197069 and 197070.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 7, 1951.

197069. *BEGONIA* sp. Begoniaceae.

Similar to P. I. 189575, leaves and stems a combination of gray and green.

197070. *ZOYSIA JAPONICA* Steud. Poaceae.

Origin unknown.

**197071. (Undetermined.)**

From Mexico. Plants collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 8, 1951.

No. 10445. (No data.)

**197072 to 197075. TRITICUM AESTIVUM L. Poaceae.**

**Common wheat.**

From Sweden. Seeds presented by W. Weibull, Landskrona. Received June 8, 1951.

197072. *Ares*. Winter wheat.

197074. *Eroica*. Winter wheat.

197073. *Ergo*. Winter wheat.

197075. *Karn II*. Spring wheat.

**197076 to 197079. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Spain. Seeds presented by the Agricultural Attaché, Spanish Embassy, Washington, D. C. Received June 8, 1951.

197076. *Melon Amarillo de Onteniente*.

197077. *Melon Bronceado*.

197078. *Melon Bronceado*. (Resistant.)

197079. *Melon Tendral (Valenciano)*.

**197080. AGAPANTHUS sp. Liliaceae.**

From the Union of South Africa. Roots collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 11, 1951.

No. A-110. From the Bloem-Erf Nurseries, Stellenbosch, Cape Province. June 1951. A dwarf, blue-flowered species.

**197081 and 197082.**

From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Received June 11, 1951.

197081. *LOTUS TIGRENSIS* Baker. Fabaceae.

197082. *TRIFOLIUM* sp. Fabaceae.

Received as *T. holstii*, an apparently unpublished name.

**197083. PELARGONIUM sp. Geraniaceae.**

From Ethiopia. Cuttings collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 12, 1951.

No. 10261. Cultivated, Addis Ababa. June 4, 1951. Leaves ivylike; pend-ent branches up to 3 feet long; flowers pink, shining.

**197084. CAPSICUM PUBESCENS Ruiz & Pav. Solanaceae.**

From Guatemala. Seeds collected by R. C. Moncure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 13, 1951.

A yellow, hot pepper from the San Juan Ixcay, Huehuetenango.

**197085 to 197095.**

From India. Seeds collected by Dr. Walter Koelz, American Embassy, As-sam. Received June 13, 1951.

Collected in 1951.

197085 to 197088. *CUCUMIS SATIVUS* L. Cucurbitaceae.

**Cucumber.**

Silchar, Cachar. Apr. 16.



## 197085 to 197095.—Continued

## 197085 to 197088.—Continued

197085. No. 11762. Fruit subglobose, flattened on ends.  
 197086. No. 11758.  
 197087. No. 11757.  
 197088. No. 11763. Fruit irregularly compressed, russet-brown.
197089. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. **Cushaw.**  
 No. 11761. Silchar. Apr. 16.
197090. CUCURBITA PEPO L. **Pumpkin.**  
 No. 11760. Silchar.
197091. DOLICHOS LABLAB L. Fabaceae. **Hyacinth-bean.**  
 No. 11759. Silchar.
197092. GOSSYPIUM. Malvaceae. **Cotton.**  
 No. 11765. Lushai Hills; taken from loads going to Aijal market.
197093. MORUS sp. Moraceae. **Mulberry.**  
 No. 11764. Zebauk, Lushai Hills. Fruits 3 inches in diameter, red-black, pleasantly acid. Area free from frost.
- 197094 and 197095. ZEA MAYS L. Poaceae. **Corn.**  
 197094. No. 11767. Larkul, Cachar. May 10.  
 197095. No. 11767a. Aijal, Lushai Hills.

## 197096 to 197147.

From Japan. Seeds obtained by E. B. Coffman, Natural Resources Section, GHQ, SCAP, APO 500, c/o Postmaster, San Francisco, Calif. Received June 13, 1951.

## 197096 to 197099. COSMOS. Asteraceae.

From the Kihara Institute for Biological Research, Kyoto.

197096. Normal type.  
 197097. Mutant. Hiroshima. Flowers pink.  
 197098. Mutant. Hiroshima. Flowers dark-pink.  
 197099. Mutant. Hiroshima. Flowers white.
197100. HORDEUM DEFICIENS Steud. Poaceae. **Deficient barley.**  
*Aizu No. 2.*
197101. HORDEUM VULGARE L. **Common barley.**  
*Aizu No. 3.*
197102. HORDEUM DEFICIENS Steud. **Deficient barley.**  
*Aizu No. 4.*
- 197103 and 197104. HORDEUM VULGARE L. **Common barley.**  
 197103. *Shizuoka Shuorokkaku.*  
 197104. *Bandai-hadaka.*
- 197105 to 197108. TRITICUM. Poaceae.  
 197105. *Triticum dicoccoides* var. *spontaneo-nigrum* × *Aegilops squarrosa* 2.  
*ABD No. 1.*
197106. *Triticum durum* var. *coerulescens* × *Aegilops squarrosa*. (1 × 2)  
*ABD No. 2.*

## 197096 to 197147.—Continued

## 197105 to 197108.—Continued

197107. *Triticum persicum* var. *stramineum* × *Aegilops squarrosa* 2.  
ABD No. 4.

197108. *Triticum persicum* var. *fuliginosum* × *Aegilops squarrosa* 2.  
ABD No. 5.

## 197109 to 197131. TRITICUM AESTIVUM L.

Common wheat.

197109. No. 3.	197121. No. 66.
197110. No. 4.	197122. No. 67.
197111. No. 8.	197123. No. 69.
197112. No. 9.	197124. No. 70.
197113. No. 10.	197125. Akasabishirazu No. 1.
197114. No. 16.	197126. Yuyakekomugi.
197115. No. 17.	197127. Mutsubenkei.
197116. No. 20.	197128. Shinchunaga.
197117. No. 24.	197129. Shirasaya No. 1. (Ibaraki No. 1.)
197118. No. 48.	197130. Sanshukomugi.
197119. No. 50.	197131. Wasekomugi.
197120. No. 58.	

## 197132 to 197134. TRITICUM AESTIVUM × SECALE CEREALE.

From Fuyowo Kagawa, Kyoto University.

197132. No. 17. F3. *Sanshukochiku Zeirai* × *Petkuser*.

197133. No. 18. F6. *Suigen* No. 88 × *Petkuser*.

197134. No. 168. F8. *Suigen* No. 86 × *Petkuser*.

## 197135 to 197147. TRITICUM.

Tetrasomic selfed wheats from S. Matsumura, National Institute of Genetics.

197135. <i>a-gigas-a</i> . 50-185-15.
197136. <i>a-gigas-b</i> . 50-186-1.
197137. <i>b-gigas-b</i> . 50-187-16.
197138. <i>b-gigas-c</i> . 50-188-1.
197139. <i>c-gigas-a</i> . 50-189-29.
197140. <i>c-gigas-c</i> . 50-190-39.
197141. <i>d-gigas-3</i> . 50-191-1.
197142. <i>Dwl-15-gigas (d-gigas)-a</i> . 50-192-28.
197143. <i>e-gigas-1</i> . 50-193-7.
197144. <i>e-gigas-3</i> . 50-194-18.
197145. <i>f-gigas-1</i> . 50-195-28.
197146. <i>Dwl-6-gigas (f-gigas)-a</i> . 50-196-4.
197147. <i>g-gigas-1</i> . 50-197-2.

## 197148 to 197176.

From Guatemala and El Salvador. Seeds collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 14, 1951.

Collected in May 1951. Unless otherwise mentioned, material is from Guatemala.

## 197148 to 197176.—Continued

197148. *CANAVALIA* sp. Fabaceae.

No. 3034. Mountains near Ahuachapán, El Salvador.

197149. *CANAVALIA* sp.

No. 3070. Dueñas, Departamento de Guatemala.

197150 to 197153. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

From Uaxactún, Petén.

197150. No. 3089.

197152. No. 3091.

197151. No. 3090.

197153. No. 3092.

197154 to 197157. From Petén.

197154 and 197155. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

197154. No. 3077. *Ayote*. Near Flores.197155. No. 3078. *Ayote*. Near Flores.197156 and 197157. *CUCURBITA LUNDELLIANA* Bailey.197156. No. 3079. *Ayote Silvestre*. Near Flores.197157. No. 3086. *Calabaza Silvestre*. Near Uaxactún.197158. *ERYTHRINA* sp. Fabaceae.

No. 3074. Dueñas, Departamento de Guatemala.

197159. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

No. 3085. Near Uaxactún, Petén. Fruits yellow.

197160. *PHASEOLUS ADENANTHUS* G. Meyer. Fabaceae.

No. 3033. Near Ahuachapán, El Salvador.

197161. *PHASEOLUS ATROPURPUREUS* DC.

No. 2871. Near Lago Ilopango, El Salvador. Semiscandent vine 6 to 10 feet long.

197162 to 197167. *PHASEOLUS LUNATUS* L.

Lima bean.

197162. No. 3029. Near Ahuachapán, El Salvador.

197163. No. 3031. Near Ahuachapán.

197164. No. 3071. Dueñas, Departamento de Guatemala.

197165. No. 3072. Dueñas. Indigenous type.

197166. No. 3073. *Frijol Negrito*. Dueñas.

197167. No. 3075. Near Galderas. Indigenous type.

197168 and 197169. *PHASEOLUS VULGARIS* L.

Common bean.

197168. No. 3062. Market, Coatepeque.

197169. No. 3063. Market, Coatepeque.

197170. *PHASEOLUS* sp.

No. 3030. Near Ahuachapán, El Salvador.

197171. *PHASEOLUS* sp.

No. 3032. Near Ahuachapán. A common wild bean.

197172 and 197173. *VIGNA LUTEOLA* (Jacq.) Benth. Fabaceae.

197172. No. 3081. Near Flores, Petén.

197173. No. 3082. Near Flores, Petén.

197174. *VIGNA SINENSIS* (Torner) Savi.

Cowpea.

No. 3080. Near Flores, Petén.

**197148 to 197176.—Continued**197175. *VIGNA VEXILLATA* (L.) Rich.

No. 3035. Near Ahuachapán, El Salvador.

197176. *ZEA MAYS* L. Poaceae.

Corn.

No. 3064. Market, Coatepeque.

197177. *GOSSYPIMUM*. Malvaceae.

Cotton.

From Turkey. Seeds obtained through Elmer Starch, Economic Cooperation Administration, Special Mission to Turkey. Received June 15, 1951.

Yerli 193. (Improved strain.)

197178 and 197179. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

From England. Seeds presented by Dunns Farm Seeds Ltd., Salisbury. Received June 15, 1951.

197178. *Glasnevin Cocksfoot*.197179. *Scotia Orchard grass*.197180 to 197189. *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.

From the Federation of Malaya. Seeds presented by the Department of Agriculture, Kuala Lumpur. Received June 15, 1951.

197180. *A 1—Otootan 12. 12.*197185. *C 26—Raub 16. 25 29.*197181. *B 3—Raub 14. 28.*197186. *D 5—Java 17. 18 2 12.*197182. *C 1—Raub 16. 1422.*197187. *D 7—Java 17. 18 11 15.*197183. *C 4—Raub 16. 1837.*197188. *E 1—Sumrong 24. 015.*197184. *C 22—Raub 16. 18 10 10.*197189. *E 3—Sumrong 24. 0111.*197190 to 197193. *CARTHAMUS TINCTORIUS* L. Asteraceae.

Safflower.

From France. Seeds presented by the Institut National de la Recherche Agronomique, Versailles. Received June 16, 1951.

197190. *Carthame des Indes*.197192. *G. N. S. O.*197191. *Carthames Schaibes*.197193. *Marcel Richard*.**197194 to 197198.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 18, 1951.

197194. *CITRUS AURANTIFOLIA* (Christm.) Swingle. Rutaceae.

Lime.

No. 10231. Market, Diredawa. Fruit  $1\frac{1}{2}$  to 2 inches long, slightly ribbed, lemon-yellow, highly aromatic; flesh pale-green, very juicy, with mild lemon flavor.

197195. *CITRUS LIMON* (L.) Burm. f.

Lemon.

No. 10230. *Abyssinica*. Cultivated near Diredawa. Fruit pale-green, turning yellow,  $1\frac{1}{8}$  inches long by  $1\frac{1}{8}$  inches in diameter; flesh pale-green, not very juicy.

197196 to 197198. *PHOENIX DACTYLIFERA* L. Phoenicaceae.

Date.

From Arab shop, Diredawa. May 22, 1951.

197196. No. 10220. Fruit oblong, with red blush,  $1\frac{1}{8}$  inches long, slightly sweet.

197197. No. 10221. Fruit cherry shape and color, medium sweet.

197198. No. 10222. Fruit cone-shaped,  $1\frac{1}{4}$  inches long, very sweet.

**197199 and 197200. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Tubers collected by H. S. Gentry and Charles Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 18, 1951.

**197199. DIOSCOREA sp.**

No. 10513. One mile north of the Rio Grande de Santiago, along the Tepic-Mazatlán highway, Nayarit.

**197200. DIOSCOREA sp.**

No. 10517. Eight miles southeast of Esquinapa de Hidalgo, along highway to Acaponeta, Nayarit.

**197201 to 197262.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 18, 1951.

Collected in 1951.

**197201 and 197202. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

197201. No. 10262. Market, Addis Ababa. June 5.

197202. No. 10263. Market, Addis Ababa. June 5.

**197203. ALOE sp. Liliaceae.**

No. 9906. Dessie. Mar. 3.

**197204. ALYSICARPUS sp. Fabaceae.**

No. 10042. Hollata. Apr. 17.

**197205. ASPARAGUS sp. Convallariaceae.**

No. 10114. Twenty miles south of Addis Ababa. Apr. 24.

**197206. COFFEA sp. Rubiaceae.**

Coffee.

No. 9959. Harar. February.

**197207. COFFEA sp.**

No. 9973. Shashamanna, Arussi Province. March.

**197208. COFFEA sp.**

No. 9974. Shashamanna.

**197209. CRYPTOSTEGIA sp. Asclepiadaceae.**

No. 10124. Diredawa. May 7.

**197210. ERAGROSTIS TEF (Zuccagni) Trotter. Poaceae.**

Teff.

No. 9976. Shashamanna, Arussi Province. March.

**197211 to 197219. HORDEUM spp. Poaceae.**

Barley.

Collected in Harage Province in February unless otherwise noted.

**197211 to 197214. HORDEUM VULGARE L.**

Common barley.

197211. No. 9931. Chalanco.

197213. No. 9938. Arawagia.

197212. No. 9933. Deder.

197214. No. 9940. Massala.

**197215. HORDEUM IRREGULARE Åberg and Wiebe.**

No. 9943. Combulcha.

**197216 to 197219. HORDEUM VULGARE L.**

Common barley.

197216. No. 9946. Fiambiro.

197217. No. 9952. Grawa.

197218. No. 9957. Weter.

197219. No. 9975. Shashamanna, Arussi Province. March.

## 197201 to 197262.—Continued

197220. *MEDICAGO* sp. Fabaceae.

No. 10116. Entoto Hills. Apr. 24.

197221. *MILLETTIA FERRUGINEA* (Hochst.) Baker. Fabaceae.No. 9970. Addis Ababa, cultivated. Mar. 12. *Börrbörra*. Seeds crushed and used as a fish poison.197222. *OLEA CHRYSOPHYLLA* Lam. Oleaceae.

No. 10105. Selale region, 45 miles south of Addis Ababa. Apr. 24.

197223 to 197227. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

From Mojjo, 60 km. south of Addis Ababa. February.

197223. No. 9965. Seeds pale-brown, oblong.

197224. No. 9966. Seeds oblong, whitish-brown.

197225. No. 9967. Seeds oval, white.

197226. No. 9968. Seeds pale-brownish, red markings.

197227. No. 9969. Mixed varieties.

197228. *PHOENIX DACTYLIFERA* L. Phoenicaceae. Date.

No. 10226. Dire-dawa. May 22.

197229 to 197235. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.

197229 to 197233. Addis Ababa. Mar. 19.

197229. No. 9978.

197232. No. 9981.

197230. No. 9979.

197233. No. 9982.

197231. No. 9980.

197234. No. 10121. Selale region, south of Addis Ababa. Apr. 24.

197235. No. 10122. Selale region.

197236 to 197247. *SORGHUM VULGARE* Pers. Poaceae.

From Harage Province. February.

197236. No. 9927. *Mashila; Bishinga*. Carsa.197237. No. 9929. *Mashila; Bishinga*. Collubi.

197238. No. 9930. Collubi. Mixed varieties.

197239. No. 9935. Deder. Mostly white varieties.

197240. No. 9936. Arawagia. Mixed varieties.

197241. No. 9942. Massala.

197242. No. 9945. Combulcha.

197243. No. 9947. Fiambiro. White varieties.

197244. No. 9949. Fadis. Mixed varieties.

197245. No. 9951. Courfachelli.

197246. No. 9954. Grawa. White varieties.

197247. No. 9956. Bedenno. Mixed varieties.

197248 to 197258. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

197248 to 197257. Harage Province. February.

197248. No. 9928. Collubi.

197253. No. 9944. Combulcha.

197249. No. 9932. Chalanco.

197254. No. 9948. Fiambiro.

197250. No. 9934. Deder.

197255. No. 9950. Courfachelli.

197251. No. 9937. Arawagia.

197256. No. 9955. Grawa.

197252. No. 9939. Massala.

197257. No. 9958. Weter.

197258. No. 9972. Shashamanna, Arussi Province.

**197201 to 197262.—Continued**

**197259 and 197260.** *TRITICUM DIOCCUM* Schrank. Emmer.

Harage Province.

**197259.** No. 9941.

**197260.** No. 9953.

**197261.** *ZEA MAYS* L. Poaceae. Corn.

No. 9971. Shashamanna, Arussi Province.

**197262.** *ZEPHYRANTHES* sp. Amaryllidaceae.

No. 10048. Hollata, Shoa Province. Apr. 17.

**197263.** *IRIS* sp. Iridaceae.

From Japan. Roots presented by E. B. Coffman, Natural Resources Section, GHQ, SCAP, APO 500, c/o Postmaster, San Francisco, Calif. Received June 19, 1951.

**197264 to 197266.** *CYRTOSTACHYS* spp. Phoenicaceae. Palm.

From the Netherlands. Seeds presented by the Botanic Garden, Leiden. Received June 19, 1951.

**197264.** *CYRTOSTACHYS ELEGANS* Burret.

**197265.** *CYRTOSTACHYS LAKKA* Beccari.

**197266.** *CYRTOSTACHYS RENDA* Blume.

**197267 to 197269.**

From Honduras. Seeds presented by Carlos Vasquez, Tegucigalpa. Received June 20, 1951.

**197267 and 197268.** *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

**197267.** *Chinapopo*. Used for forage.

**197268.** *Chinapopo*. Mixed.

**197269.** *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae. Natal grass.

**197270.** *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.

From Finland. Seeds presented by the Central Experiment Station of Finland, Jokioinen. Received June 22, 1951.

*Valinge Strain.*

**197271.** (Undetermined.)

From Mexico. Tubers collected by H. S. Gentry and Charles Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received June 27, 1951.

No. 10555. Market, Durango, Durango. June 6, 1951. Used in washing clothes.

**197272 to 197276.**

From India. Seeds obtained through the American Consul, Madras. Received June 28, 1951.

From the Coimbatore District, Madras.

**197272.** *ECHINOCHLOA CRUSGALLII* var. *FRUMENTACEA* (Roxb.) W. F. Wight. Japanese millet.  
Poaceae.

*Kudiraivali.*

**197273.** *PANICUM MILIACEUM* L. Poaceae. Proso.

*Pani Varagu.*

**197272 to 197276.—Continued**197274. *PANICUM MILIARE* L.*Samai.*197275. *PASPALUM SCROBICULATUM* L. Poaceae.*Varagu.*197276. *SETARIA ITALICA* (L.) Beauv. Poaceae.

Foxtail millet.

*Korra (Tenai).***197277 to 197280. AVENA SATIVA** L. Poaceae.

Oats.

From Argentina. Seeds presented by Juan L. Tessi, Ministerio de Agricultura y Ganadería, Buenos Aires. Received July 2, 1951.

197277. *Buck Selection 212.*197279. *La Estanzuela F2 au 12.*197278. *D. L. M. 3.*197280. *La Prevision 13.***197281. SENEIO** sp. Asteraceae.

From the Union of South Africa. Seeds collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 2, 1951.

Pretoria, Transvaal. May 1951. A yellow-flowered climber frequently cultivated; will bloom in partial shade.

**197282 to 197284. RUBUS** spp. Rosaceae.

From Guatemala. Seeds collected by Oliver W. Norvell, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 2, 1951.

197282. *RUBUS* sp.No. 2535. *Moro.* Chimaltenango, Chimaltenango. Mar. 4, 1951.197283. *RUBUS* sp.No. 2536. *Moro.* Chimaltenango. Semierect, near creek. Mar. 4, 1951.197284. *RUBUS* sp.

No. 2545. Near Sololá, Sololá. Mar. 5, 1951.

**197285 and 197286. SACCHARUM.** Poaceae.

Sugarcane.

From Australia. Cuttings presented by the Bureau of Sugar Experiment Station, Brisbane, Queensland. Received July 3, 1951.

197285. *C-278.*197286. *C-279.***197287 and 197288. SANSEVIERIA** spp. Liliaceae.

From the Union of South Africa. Roots obtained through Joseph L. Dougherty, American Embassy, Pretoria, Transvaal. Received July 3, 1951.

197287. *SANSEVIERIA DESERTII* N. E. Brown.

No. 9820-8-50.

197288. *SANSEVIERIA THYRSIFLORA* Thunb.

No. 9822-6-50.

**197289. MANGIFERA INDICA** L. Anacardiaceae.

Mango.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 5, 1951.

No. 10219. Shop, Diredawa. May 22, 1951.



**197290. MANGIFERA INDICA L. Anacardiaceae. Mango.**

From Burma. Seed collected by Dr. O. E. White, University of Virginia, Charlottesville, Va. Received July 5, 1951.

*Ceylon.*

**197291 to 197295. PRUNUS spp. Amygdalaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered July 6, 1951.

**197291 and 197292. PRUNUS SERRULATA Lindl. Oriental flowering cherry.**

197291. *Fukurokujū*. (B-42944).

197292. *Taizanfukun*.

**197293. PRUNUS SUBHIRELLA Miquel.**

Higan cherry.

*Jugatsuzakura*.

**197294 and 197295. PRUNUS YEDOENSIS Mats.**

Yoshino cherry.

197294. *Shidare-yoshino*.

197295. (B-42945).

**197296. LINUM LEWISII Pursh. Linaceae.**

From Canada. Seeds presented by the Dominion Laboratory of Plant Pathology, Fort Garry, Manitoba. Received July 6, 1951.

**197297 and 197298.**

From the British West Indies. Bulbs presented by N. W. Simmonds, Imperial College of Tropical Agriculture, Trinidad. Received July 9, 1951.

**197297. AMARYLLIS BELLADONNA L. Amaryllidaceae.****197298. HYMENOCALLIS TUBIFLORA Salisb. Amaryllidaceae.****197299 to 197320.**

From Argentina. Seeds presented by the Instituto de Fitotecnia, Castelar. Received July 10, 1951.

**197299. AGROPYRON sp. Poaceae.**

F 1501. Received as *A. scabrifolious*, an apparently unpublished name.

**197300. ACNIDA CANNABINA L. Amaranthaceae.**

F. 13. Annual summer forage.

**197301. BRIZA TRILOBA Nees. Poaceae.**

F 835.

**197302. CHLORIS CARIBAEA Spreng. Poaceae.**

F 407.

**197303. CHLORIS ULIGINOSA Hack.**

F 427.

**197304. ELEUSINE TRISTACHYA Lam. Poaceae.**

F 492.

**197305 to 197309. HORDEUM spp. Poaceae.**

Barley.

**197305. HORDEUM VULGARE L.**

Common barley.

F 353. Received as *H. calipressum*, an apparently unpublished name.

**197306. HORDEUM COMPRESSUM Griseb.**

F 824.

## 197299 to 197320.—Continued

## 197305 to 197309.—Continued

197307 and 197308. *HORDEUM VULGARE* L. Common barley.197307. F 352. Received as *H. comprestachys*, an apparently unpublished name.197308. F 06. Received as *H. hexaploideum*, an apparently unpublished name.197309. *HORDEUM STENOSTACHYS* Godr.

F 891.

197310. *LOLIUM SUBULATUM* Vis. Poaceae.

F 1660.

197311. *PASPALUM PAUCICILIATUM* (Parodi) Herter. Poaceae.

F 9.

197312. *PASPALUM PLICATULUM* Michx.

F 452.

197313. *PHALARIS TUBEROSA* L. Poaceae.

F 1706.

197314. *POA TRIVIALIS* L. Poaceae.

F 1627.

197315. *SANGUISORBA MINOR* Scop. Rosaceae.

F 70.

197316 and 197317. *SORGHUM ALMUM* Parodi. Poaceae.

197316. F 504.

197317. F 512.

197318. *TRIFOLIUM HYBRIDUM* L. Fabaceae.

Alsike clover.

F 1630.

197319. *VICIA ANDICOLA* H. B. K. Fabaceae.

F 84.

197320. *VICIA GRAMINEA* Smith.

F 86.

197321 and 197322. *LINUM USITATISSIMUM* L. Lineaceae. Flax.

From Greece. Seeds presented by the Agricultural Bank of Greece, Athens. Received July 11, 1951.

197321. From eastern Crete. Flowers blue and white.

197322. From western Crete. Flowers mauve.

197323. *FESTUCA RUBRA* L. Poaceae.

Red fescue.

From Sweden. Seeds presented by Otto J. Olson &amp; Sons, Hammenhog. Received July 11, 1951.

*Rubin.*

## 197324 to 197332.

From the Mediterranean region. Seeds collected by O. S. Aamodt, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 12, 1951.

197324. *ARISTIDA CAERULESCENS* Desf. Poaceae.

Marrakech, Morocco.

## 197324 to 197332.—Continued

197325. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.  
Experiment Station, Elnos, Portugal.
197326. *HEDYSARUM CORONARIUM* L. Fabaceae. Sulla.  
Commercial type, Rome, Italy.
197327. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.  
Near Tunis, Tunisia.
- 197328 and 197329. *MEDICAGO ARBOREA* L. Fabaceae.  
197328. Zootechnic Institute, Tunis, Tunisia.  
197329. Garden of Hotel Igiea, Palermo, Sicily.
197330. *MEDICAGO ORBICULARIS* (L.) All. Buttonclover.  
Near Kasserine, Tunisia.
197331. *PENNISETUM CILIARE* (L.) Link. Poaceae. Buffelgrass.  
Marrakech, Morocco.
197332. *STIPA TENACISSIMA* Jusl. Poaceae. Feathergrass.  
Algiers, Algeria.

197333 to 197376. *MEDICAGO* spp. Fabaceae.

From Australia. Seeds presented by the Division of Plant Industry, Department of Agriculture, Canberra. Received July 13, 1951.

197333 to 197335. *MEDICAGO BLANCHEANA* Boiss.

197333. *M. Bl-3*.  
197334. *M. Bl-12812*.  
197335. *M. Bl-12813*.

197336 and 197337. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat.

197336. *M. Hi-C-25*.  
197337. *M. Hi-C-86*.

197338 to 197341. *MEDICAGO HISPIDA* var. *RETICULATA* (Benth.) Urban.

197338. *M. Hi-R-7*. 197340. *M. Hi-R-10*.  
197339. *M. Hi-R-9*. 197341. *M. Hi-R-11*.

197342 to 197344. *MEDICAGO HISPIDA* var. *TEREBELLUM* (Willd.) Urban.

197342. *M. Hi-T-11*.  
197343. *M. Hi-T-12*.  
197344. *M. Hi-T-27*.

197345. *MEDICAGO OBSCURA* var. *HELIX* (Willd.) Urban.

*M. Ob-H-12618*.

197346 and 197347. *MEDICAGO TORNATA* Mill.

197346. *M. Ob-T-2*.  
197347. *M. Ob-T-5*.

197348 to 197350. *MEDICAGO ORBICULARIS* (L.) All. Buttonclover.

197348. *M. Or-C294*.  
197349. *M. Or-12619*.  
197350. *M. Or-12746*.

197351. *MEDICAGO ORBICULARIS* var. *MARGINATA* (Willd.) Benth.

*M. Or-M-12418*.

## 197333 to 197376.—Continued

197352 and 197353. *MEDICAGO RUGOSA* Desr.197352. *M. Ru-4.*197353. *M. Ru-5.*197354 to 197356. *MEDICAGO SCUTELLATA* (L.) Mill.197354. *M. Sc-33.*197355. *M. Sc-12535.*197356. *M. Sc-12620.*197357. *MEDICAGO SOLEIROLII* Duby.*M. So. (S3).*197358 to 197366. *MEDICAGO TRIBULOIDES* Desr.197358. *M. Trb-V29.*197363. *M. Trb-167.*197359. *M. Trb-83.*197364. *M. Trb-178.*197360. *M. Trb-112.*197365. *M. Trb-C293.*197361. *M. Trb-158.*197366. *M. Trb-358.*197362. *M. Trb-163.*197367 and 197368. *MEDICAGO TUBERCULATA* (Retz.) Willd.197367. *M. Tu-Ag-21.*197368. *M. Tu-V-9998.*197369. *MEDICAGO TUBERCULATA* var. *APICULATA* Urb.*M. Tu-A-N303.*197370. *MEDICAGO TUBERCULATA* (Retz.) Willd.*M. Tu-C-12747. Chiotica.*197371. *MEDICAGO TURBINATA* var. *ACULEATA* Moris.*M. Tur-Al.*197372 to 197374. *MEDICAGO TURBINATA* var. *INERMIS* Aschers.197372. *M. Tur-I-9.*197373. *M. Tur-I-9832.*197374. *M. Tur-I-12267.*197375 and 197376. *MEDICAGO TURBINATA* var. *OLIVAEFORMIS* (Guss.)  
Aschers. & Graebn.197375. *M. Tur-O-9833.*197376. *M. Tur-O-12229.*

## 197377 to 197388.

From Japan and Korea. Seeds presented by the Morris Arboretum, Philadelphia, Pa. Received June 6, 1951.

Unless otherwise mentioned, material is from Japan.

197377 and 197378. *LARIX LEPTOLEPIS* (Sieb. & Zucc.) Gord. Pinaceae.  
Larch.

197377. NEG 918. Morioka, Iwate.

197378. NEG 919. Iwamurata, Nagano.

197379. *ABIES FIRMA* Sieb. & Zucc. Pinaceae.

NEG 920. Sendai, Miyagi.

Fir.

197380. *PICEA MAXIMOWICZII* Mast. Pinaceae.

NEG 923. Iwamurata, Nagano.

Spruce.

**197377 to 197388.—Continued**

197381 to 197387. *PINUS* spp. Pinaceae. Pine.

197381. *PINUS PARVIFLORA* Sieb. & Succ.

NEG 925. Kawauchi, Aomori.

197382 to 197384. *PINUS PUMILA* Regel.

Kucchan, Hokkaido.

197382. NEG 973.

197383. NEG 974.

197384. NEG 975.

197385. *PINUS DENSIFLORA* Sieb. & Zucc.

NEG 978. Iwamurata, Nagano.

197386. *PINUS THUNBERGII* Parl.

NEG 979. Sendai, Miyagi.

197387. *PINUS DENSIFLORA* Sieb. & Zucc. Pine.

NEG 980. From the Kwang Nun Experimental Forest, 35 km. north of Seoul, Korea.

197388. *LARIX LEPTOLEPIS* (Sieb. & Zucc.) Gord. Pinaceae. Larch.

NEG 983. From the Kwang Nun Experimental Forest, 35 km. north of Seoul, Korea.

197389. *GOSSYPIUM*. Malvaceae. Cotton.

From Arabia. Seeds obtained through the American Vice Consul, Aden. Received July 16, 1951.

**197390 to 197392.**

From Mexico. Collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 16, 1951.

197390. *DIOSCOREA* sp. Dioscoreaceae.

No. 10692. Near Compostela along highway to Mazatán. June 27, 1951. High-climbing vine with black stipular spines and prickly internodes; inflorescence spicate; leaves with an enlarged tip. (Rhizome.)

197391. *HELIOCEREUS* sp. Cactaceae.

No. 10617. 16 miles east of Palmita. (Cutting.)

197392. (Undetermined.)

No. 10555. From market, Durango, Durango. (Tubers.)

197393 to 197398. *ORYZA SATIVA* L. Poaceae. Rice.

From Japan. Seeds presented by Dr. Long Dink Cua, Kyoto University, Kyoto. Received July 17, 1951.

197393. *Asahi* (2X). 197396. *Kairyo-habutai-Mochi*.

197394. *Asahi* (4X). 197397. *Rikuu 132* (2X).

197395. *Kairyo-habutai-Mochi* (2X). 197398. *Rikuu 132* (4X).

**197399 to 197503.**

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 18, 1951.

197399. *ARACHIS HYPOGAEA* L. Fabaceae. Peanut.

No. 10186. Market, Harar. May 19, 1951.

## 197399 to 197503.—Continued

197400. AVENA sp. Poaceae.

No. 10252. Shasamanna and Harar. 1950 and 1951. Sorted from other seeds from various markets.

197401. BRASSICA sp. Brassicaceae.

No. 10160. Market, Diredawa. May 14, 1951.

197402. BRASSICA sp.

No. 10161. Market, Diredawa. May 14, 1951.

197403. BRASSICA sp.

No. 10253. Sorted from other seeds, Dessie and Lekemti, 1951.

197404 to 197410. CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**

197404. No. 10162. Diredawa. May 14, 1951.

197405 to 197409. Market, Harar. May 19, 20, 1951.

197405. No. 10191.

197408. No. 10211.

197406. No. 10192.

197409. No. 10212.

197407. No. 10193.

197410. No. 10257. Jimma, Bishoftu, Gondar, and other places. 1950 and 1951.

197411 to 197413. CARICA PAPAYA L. Caricaceae.

**Papaya.**

197411. No. 10152. Diredawa. May 12, 1951.

197412. No. 10236. Diredawa. May 22, 1951.

197413. No. 10242. Harar. May 20, 1951.

197414. CHLORIS sp. Poaceae.

No. 10138. Diredawa. May 7, 1951.

197415. CICER ARIETINUM L. Fabaceae.

**Chickpea.**

No. 10255. Various markets, 1950 and 1951.

197416. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

**Watermelon.**

No. 10223. Shop, Diredawa. May 22, 1951.

197417. CROTALARIA sp. Fabaceae.

No. 10145. Errer. May 9, 1951.

197418. CUCURBITA MAXIMA Duchesne. Cucurbitaceae.

**Squash.**

No. 10159. Market, Diredawa. May 14, 1951.

197419 to 197422. DACTYLOCTENIUM AEGYPTIUM (L.) Richter. Poaceae.

197419. No. 10140. Diredawa. May 1, 1951.

197420. No. 10151. Errer. May 9, 1951.

197421. No. 10227a. Near Diredawa. May 22, 1951.

197422. No. 10229. Diredawa. May 23, 1951.

197423. DIGITARIA sp. Poaceae.

No. 10051. Hollata. April 17, 1951.

197424. ERAGROSTIS sp. Poaceae.

No. 10136. Diredawa. May 7, 1951.

197425. ERAGROSTIS sp.

No. 10139. Diredawa.

197426. GOSSYPIUM. Malvaceae.

**Cotton.**

No. 10198. Market, Harar. May 19, 1951.

## 197399 to 197503.—Continued

- 197427 to 197436. *HORDEUM VULGARE* L. Poaceae. Common barley.  
 197427 to 197430. Market, Diredawa.  
     197427. No. 10164.                      197429. No. 10166.  
     197428. No. 10165.                      197430. No. 10167.  
 197431 to 197435. Market, Harar.  
     197431. No. 10199.                      197434. No. 10202.  
     197432. No. 10200.                      197435. No. 10203.  
     197433. No. 10201.  
 197436. No. 10247. From various markets. 1950 and 1951.  
 197437. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. Calabash gourd.  
     No. 10153. Market, Diredawa. May 14, 1951.  
 197438. *LATHYRUS CICERA* L. Fabaceae.  
     No. 10256. Various markets. 1950 and 1951.  
 197439. *LOLIUM TEMULENTUM* L. Poaceae. Darnel.  
     No. 10259. Market, Harar. May 1951. Sorted from other seeds.  
 197440. *MEDICAGO HISPIDA* Gaertn. Fabaceae. Burclover.  
     No. 10254. Various markets. 1950 and 1951.  
 197441. *MORINGA OLEIFERA* L. Moringaceae.  
     No. 10144. Error. May 9, 1951.  
 197442. *OCIMUM BASILICUM* L. Menthaceae. Basil.  
     No. 10126. Diredawa. May 7, 1951.  
 197443. *PENNISETUM CILIARE* (L.) Link. Poaceae. Buffelgrass.  
     No. 10149. Error. May 9, 1951.  
 197444 to 197448. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.  
     Market, Harar. May 21, 1951.  
     197444. No. 10237.                      197447. No. 10240.  
     197445. No. 10238.                      197448. No. 10241.  
     197446. No. 10239.  
 197449 to 197454. *PISUM SATIVUM* L. Fabaceae. Pea.  
     197449 to 197453. Market, Harar. May 20, 1951.  
     197449. No. 10206.                      197452. No. 10209.  
     197450. No. 10207.                      197453. No. 10210.  
     197451. No. 10208.  
     197454. No. 10244. Various markets. 1950 and 1951.  
 197455 to 197457. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
     197455. No. 10163. Market, Diredawa. May 25, 1951.  
     197456. No. 10213. Market, Harar. May 20, 1951.  
     197457. No. 10233. Market, Harar. May 20, 1951.  
 197458. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.  
     No. 10194. Market, Harar. May 19, 1951.

## 197399 to 197503.—Continued

197459 to 197469. *SORGHUM VULGARE* Pers. Poaceae.

197459 to 197462. Market, Diredawa. May 14, 1951.

197459. No. 10155.

197461. No. 10157.

197460. No. 10156.

197462. No. 10158.

197463 to 197467. Market, Harar. May 20, 1951.

*Machila.*

197463. No. 10214.

197466. No. 10217.

197464. No. 10215.

197467. No. 10218.

197465. No. 10216.

197468. No. 10250. Various markets; mixed varieties. 1950, 1951.

197469. No. 10251. Various markets; white varieties. 1950, 1951.

197470. *TRAGUS RACEMOSUS* (L.) All. Poaceae.

No. 10135. Diredawa. May 7, 1951.

197471. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

No. 10258. Various markets. 1950, 1951.

197472 to 197480. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

197472 to 197476. Market, Diredawa. May 14, 1951.

197472. No. 10168.

197475. No. 10171.

197473. No. 10169.

197476. No. 10172.

197474. No. 10170.

197477 to 197480. Market, Harar. May 20, 1951.

197477. No. 10195.

197479. No. 10197.

197478. No. 10196.

197480. No. 10198.

197481 to 197496. *TRITICUM DICOCCUM* Schrank.

Emmer.

197481 to 197495. Market, Harar. May 19, 1951.

197481. No. 10174.

197489. No. 10182.

197482. No. 10175.

197490. No. 10183.

197483. No. 10176.

197491. No. 10184.

197484. No. 10177.

197492. No. 10185.

197485. No. 10178.

197493. No. 10188.

197486. No. 10179.

197494. No. 10189.

197487. No. 10180.

197495. No. 10190.

197488. No. 10181.

197496. No. 10246. Various markets. 1950, 1951.

197497. *TRITICUM* sp.

No. 19249. Various markets. 1950, 1951.

197498. *TRITICUM* sp.

No. 10173. Market, Harar. May 19, 1951.

197499 to 197501. *VICIA FABA* L. Fabaceae.

Broadbean.

197499. No. 10204. Market, Harar. May 20, 1951.

197500. No. 10205. Market, Harar. May 20, 1951.

197501. No. 10245. Various markets. 1950, 1951.



**197399 to 197503.—Continued**

**197502 and 197503.** *ZEA MAYS* L. Poaceae.

Corn.

**197502.** No. 10154. Market, Diredawa. May 14, 1951.

**197503.** No. 19243. Various markets. 1950, 1951.

**197504 to 197506. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Australia. Tubers presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received July 19, 1951.

**197504.** *Factor*.

**197505.** *Monak*.

**197506.** *Moona*.

**197507 to 197518.**

From Mexico. Plants collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 19, 1951.

**197507.** *BRASSAVOLA CUCULLATA* R. Br. Orchidaceae.

No. 10654. Tepic, Nayarit.

**197508.** (Undetermined.)

No. 10634. El Batel, Sinaloa.

**197509.** (Undetermined.)

No. 10633. El Batel, Sinaloa.

**197510.** *EPIDENDRUM* sp. Orchidaceae.

No. 10632. Durango City, Durango.

**197511.** *ODONTOGLOSSUM* sp. Orchidaceae.

No. 10631. El Batel, Sinaloa.

**197512.** *EPIDENDRUM ADENOCARPON* LaLlave & Lex. Orchidaceae.

No. 10711. West of Mazatán, Chiapas.

**197513.** (Undetermined.)

No. 10659. Tepic, Nayarit.

**197514.** *ONCIDIUM OESTLUNDIANUM* L. O. Williams. Orchidaceae.

No. 10722. West of Mazatán, Chiapas.

**197515.** (Undetermined.)

No. 10723. West of Mazatán, Chiapas.

**197516.** *GRAPTOPETALUM* sp. Crassulaceae.

No. 10622. Palmita, Sinaloa.

**197517.** *PITCAIRNIA* sp. Bromeliaceae.

No. 10625. Durango City, Durango.

**197518.** (Undetermined.)

No. 10617. Yerbanis, Durango.

**197519 to 197523. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Tubers collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 20, 1951.

**197519.** *DIOSCOREA* sp.

No. 10646. Rio Santiago, near Acaponeta highway, Nayarit. June 22, 1951.

## 197519 to 197523.—Continued

197520. *DIOSCOREA* sp.

No. 10678. Southwest of Tepic, Nayarit. June 24, 1951.

197521. *DIOSCOREA* sp.

No. 10688. San Bernardo, Sonora. June 10, 1951.

197522. *DIOSCOREA* sp.

No. 10693. West of Compostela, Nayarit. June 27, 1951.

197523. *DIOSCOREA* sp.

No. 10720. West of Mazatán, Chiapas. June 30, 1951.

## 197524 to 197533.

From Algeria. Seeds presented by the Service de l'Experimentation Agricole, Maison-Carrée, Algiers. Received July 20, 1951.

197524. *LYGEUM SPARTUM* Loebl. Poaceae.197525. *MEDICAGO CILIARIS* (L.) All. Fabaceae.197526 and 197527. *MEDICAGO HISPIDA* Gaertn.

Burclover.

197526. No data.

197527. Received as var. *lappacea*, an apparently unpublished name.197528. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban.197529. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

197530. *MEDICAGO TORNATA* Mill.197531. *MEDICAGO TRIBULOIDES* Desr.197532. *MEDICAGO SATIVA* var. *TUNETANA* Murb.197533. *STIPA TENACISSIMA* Jusl. Poaceae.

Feathergrass.

## 197534 to 197536.

From Ethiopia. Seeds collected by W. A. Archer, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received July 20, 1951.

197534. *COELACHYRUM STOLONIFERUM* C. E. Hubb. Poaceae.

No. 10150. Errer. May 9, 1951.

197535. *GREVILLEA ROBUSTA* A. Cunn. Proteaceae.

Silk-oak.

No. 10234. Harar. May 20, 1951.

197536. *JACARANDA MIMOSIFOLIA* D. Don. Bignoniaceae.

No. 10235. Harar. May 20, 1951.

197537. *FURCRAEA* sp. Amaryllidaceae.

From Mexico. Bulbs collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. July 20, 1951.

No. 10681. Jalcocotán, Nayarit.

197538. *CORCHORUS CAPSULARIS* L. Tiliaceae.

Jute.

From Formosa. Seeds presented by Nelson H. Fritz, J. G. White Engineering Corporation, Taipei. Received July 20, 1951.

197539 and 197540. *ORYZA SATIVA* L. Poaceae.

Rice.

From India. Seeds presented by the Director of Agriculture, Calcutta, Bengal. Received July 20, 1951.

197539. *Patni 23*.197540. *S. R. 26 B*.

**197541. DIOSCOREA sp. Dioscoreaceae.**

From Mexico. Cuttings collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 20, 1951.

No. 10868. Twenty-four miles south of Tepic, along highway to Guadalajara.

**197542 to 197548. SORGHUM VULGARE Pers. Poaceae.**

From Algeria. Seeds presented by the Service de l'Experimentation Agricole, Maison-Carrée, Algiers. Received July 23, 1951.

197542. *Sucre Drome.*

197546. *Orange Nero 526.*

197543. *Bechne, Kabylie.*

197547. *10.685—525.*

197544. *Bechne, Isserville.*

197548. *42.126—524.*

197545. *Dari.*

**197549 to 197559.**

From Australia. Seeds presented by Dr. William Hartley, Commonwealth Scientific Industrial Research Organization, Canberra. Received July 23, 1951.

197549. *DESMODIUM BARBATUM* (L.) Benth. Fabaceae.

C.P.I. 11791. Originally from Brazil.

197550. *DESMODIUM CANUM* (Gmel.) Schinz & Thell.

C.P.I. 11796. Originally from Argentina.

197551 and 197552. *DESMODIUM UNCINATUM* (Jacq.) DC.

197551. C.P.I. 11740. Originally from Hawaii.

197552. C.P.I. 11741. Originally from Hawaii.

197553. *INDIGOFERA PARODIANA* Burkart. Fabaceae.

C.P.I. 11807. Originally from Argentina.

197554 and 197555. *STYLOSANTHES BOJERI* Vog. Fabaceae.

197554. C.P.I. 5630. Australia.

197555. C.P.I. 10983. Originally from Tanganyika.

197556. *STYLOSANTHES GRACILIS* H.B.K.

C.P.I. 6058. Originally from Hawaii.

197557. *STYLOSANTHES GRACILIS* var. *SUBVISCOSA* (Benth.) Burkart.

C.P.I. 11491. Originally from Argentina.

197558 and 197559. *STYLOSANTHES GRACILIS* H.B.K.

197558. C.P.I. 11493. Originally from Paraguay.

197559. C.P.I. 11849. Originally from Paraguay.

**197560. COFFEA sp. Rubiaceae.**

**Coffee.**

From Uganda. Seeds presented by the Agricultural Research Station, Kampala. Received July 11, 1951.

A highly resistant *arabica* type originally collected at Barbuk on the Boma Plateau, Anglo-Egyptian Sudan, in 1941. A heavy bearer.

**197561. COFFEA sp. Rubiaceae.**

**Coffee.**

From Kenya. Seeds presented by the Coffee Research Station, Ruiru. Received July 24, 1951.

*Arabica-Coorg.*

**197562 to 197564.**

From Mexico. Collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 24, 1951.

**197562.** DIOSCOREA sp. Dioscoreaceae.

No. 10828. Nayarit. July 11, 1951. (Root.)

**197563.** DIOSCOREA sp.

No. 10851. Nayarit. July 11, 1951. (Tubers.)

**197564.** CACTUS sp. Cactaceae.

No. 10738. Nayarit. July 4, 1951. (Plants.)

**197565 and 197566. HORDEUM VULGARE L. Poaceae.**

**Common barley.**

From Germany. Seeds presented by the Institut für Kulturpflanzenforschung, Gatersleben. Received July 24, 1951.

**197565.** *Mahndorfer Hanna*. An improved variety.

**197566.** *Mittlauer Hanna*.

**197567 and 197568.**

From Mexico. Collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 24, 1951.

**197567.** ATTALEA COHUNE Mart. Phoenicaceae.

**Cohune palm.**

No. 10515. *Guacayule*. Along Tepic-Mazatlán highway. May 26, 1951. (Seeds.)

**197568.** DIOSCOREA sp. Dioscoreaceae.

No. 10857. Nayarit. (Roots.)

**197569 to 197573.**

From Italy. Seeds presented by the Giardino Botanico e Coloniale, Palermo. Received July 24, 1951.

**197569.** AGROPYRON PANORMITANUM Parl. Poaceae.

**197570.** BROMUS RIGIDUS Roth. Poaceae.

**197571.** BROMUS RUBENS L.

**197572.** LACTUCA SERRIOLA L. Cichoriaceae.

**197573.** SANSEVIERIA THYRSIFLORA Thunb. Liliaceae.

**197574. LUPINUS LUTEUS L. Fabaceae. European yellow lupine.**

From Australia. Seeds presented by Dr. William Hartley, Commonwealth Scientific and Industrial Research Organization, Canberra. Received July 24, 1951.

**197575 to 197601.**

From Mexico. Collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 25, 1951.

From the State of Nayarit.

**197575.** DIOSCOREA CONVOLVULACEA Cham. & Schl. Dioscoreaceae.

No. 10819. (Tubers.)

**197576.** DIOSCOREA sp.

No. 10829. (Tubers.)

## 197575 to 197601.—Continued

197577. *DIOSCOREA* sp.  
No. 10852. (Tubers.)
197578. *DIOSCOREA CONVULVULACEA* Cham. & Schl.  
No. 10854. (Tubers.)
197579. *HYMENOCALLIS LITTORALIS* Salisb. Amaryllidaceae.  
No. 10764. Mazatán. (Bulbs.)
197580. *HYMENOCALLIS* sp.  
No. 10772. Compostela. (Bulbs.)
197581. *HYMENOCALLIS LITTORALIS* Salisb.  
No. 10813. Jalisco. (Bulbs.)
197582. *HYMENOCALLIS* sp.  
No. 10843. Near Compostela. (Bulbs.)
197583. *HYMENOCALLIS LITTORALIS* Salisb.  
No. 10856. Mazatán. (Bulbs.)
197584. *ONCIDIUM* sp. Orchidaceae.  
No. 10832. Jalcocotán. (Plant.)
- 197585 to 197591. A collection of orchid plants.  
197585. (Undetermined.)  
No. 10735. Jalcocotán.
197586. (Undetermined.)  
No. 10736. Jalcocotán.
197587. (Undetermined.)  
No. 10737. Jalcocotán.
197588. *LAELIA RUBESCENS* Lindl. Orchidaceae.  
No. 10778. Mazatán.
197589. *CATTLEYA AURANTIACA* P.N. Don. Orchidaceae.  
No. 10779. Mazatán.
197590. (Undetermined.)  
No. 10784. Jalisco.
197591. *EPIDENDRUM NEMORALE* Lindl. Orchidaceae.  
No. 10804. Jalisco.
197592. (Undetermined.)  
No. 10825. Jalisco. (Plant.)
- 197593 to 197601. A collection of orchid plants from Jalcocotán.  
197593. (Undetermined.)  
No. 10833.
197594. (Undetermined.)  
No. 10834.
197595. (Undetermined.)  
No. 10835.
197596. (Undetermined.)  
No. 10836.

**197575 to 197601.—Continued****197593 to 197601.—Continued****197597.** (Undetermined.)

No. 10840.

**197598.** (Undetermined.)

No. 10841.

**197599.** (Undetermined.)

No. 10842.

**197600.** (Undetermined.)

No. 10845.

**197601.** (Undetermined.)

No. 10846.

**197602. VICIA ATROPURPUREA Desf. Fabaceae. Purple vetch.**

From Algeria. Seeds presented by the Inspection Generale de L'Agriculture, Maison-Carrée. Received July 27, 1951.

**197603. LATHYRUS CLYMENU M L. Fabaceae.**

From Malta. Seeds presented by the Argotti Botanical Gardens, Floriana. Received July 27, 1951.

**197604 to 197609. DIOSCOREA spp. Dioscoreaceae.**

From Mexico and Guatemala. Seeds presented by Temple Clayton, Bloomfield, N. J. Received July 27, 1951.

From southern Mexico unless otherwise indicated.

**197604. DIOSCOREA sp.**

No. 15. Near Tapantepec. Altitude 700 feet.

**197605. DIOSCOREA sp.**

No. 16. Oaxaca.

**197606. DIOSCOREA sp.**

No. 17. Finca El Salto, south of Escuintla, Guatemala.

**197607. DIOSCOREA sp.**

No. 23. Eastern end of Lake Catemaco.

**197608. DIOSCOREA sp.**

No. 1079. Tierra Blanca.

**197609. DIOSCOREA sp.**

No. 1085. Tierra Blanca.

**197610 to 197613. ORYZA SATIVA L. Poaceae.****Rice.**

From India. Seeds presented by the American Embassy, New Delhi. Received July 27, 1951.

**197610. N. 10-B.****197612. T-3.****197611. N. 12.****197613. T-9.****197614. HORDEUM sp. Poaceae.****Barley.**

From Canada. Seeds presented by the Department of Plant Science, University of Alberta, Edmonton, Alberta. Received July 27, 1951.

*Floya.*

**197615 and 197616.**

From Germany. Seeds presented by J.G.A. Hertslet, Frankfurt. Received July 27, 1951.

197615. *HORDEUM* sp. Poaceae.

Barley.

Planted in autumn and spring.

197616. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

*Kanadier Winter Weizen.*

**197617 to 197634. *HORDEUM* spp. Poaceae.**

Barley.

From Germany. Seeds presented by William Rudorf, Max Planck Institute, Hannover. Received July 27, 1951.

197617 to 197622. *HORDEUM DISTICHON* L.

Spring type.

197617. *Haisa.*

197620. *Weihenstephaner II.*

197618. *Jsaria.*

197621. *2233/47.*

197619. *Schliephaks.*

197622. *4540/48.*

197623 to 197634. Winter type.

197623. *HORDEUM DISTICHON* L.

*Carstens.*

197624 to 197626. *HORDEUM VULGARE* L.

Common barley.

197624. *Domina.*

197625. *Friedrichswerther Berg.*

197626. *Peragis.*

197627. *HORDEUM DISTICHON* L.

*Tschermacks.*

197628 to 197630. *HORDEUM VULGARE* L.

Common barley.

197628. *562/46.*

197629. *579/46.*

197630. *1144/48.*

197631. *HORDEUM* sp.

*4574/41.*

197632 to 197634. *HORDEUM VULGARE* L.

Common barley.

197632. *4692/41.*

197633. *1688/44.*

197634. *5031/41.*

**197635 to 197642.**

From the Netherlands. Seeds presented by the Instituut voor Veredeling van Landbouwgewassen, Wageningen. Received July 27, 1951.

197635 and 197636. *AVENA SATIVA* L. Poaceae.

Oats.

197635. *Expres.*

197636. *Libertas.*

197637. *HORDEUM* sp. Poaceae.

Barley.

*Vindicat.*

## 197635 to 197642.—Continued

197638 to 197642. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

197638. *Alba*. 197641. *Sharing*.

197639. *Elisabeth*. 197642. *Titan*.

197640. *Juliana*.

197643. *AVENA SATIVA* L. Poaceae. Oats.

From Scotland. Seeds presented by an unknown donor. Received July 27, 1951.

White oats.

197644. *AVENA SATIVA* L. Poaceae. Oats.

From Sweden. Seeds presented by the Svalöf Experiment Station, Svalöf. Received July 27, 1951.

*Sol LI*.

197645 to 197648. *AVENA SATIVA* L. Poaceae. Oats.

From France. Seeds presented by R. Mayer, Versailles. Received July 27, 1951.

197645. *Bagnols Hybride 50*. 197647. *Multigrap*.

197646. *Montferrandaise*. 197648. *Noine Precoce de Noisy*.

## 197649 to 197659.

From Sweden. Seeds presented by W. Weibull, Landskrona. Received July 27, 1951.

197649 to 197652. *AVENA SATIVA* L. Poaceae. Oats.

197649. *Argus Black*. 197651. *Bambu II*.

197650. *Bambu*. 197652. *Trio*.

197653 and 197654. *HORDEUM DISTICHON* L. Poaceae. Barley.

197653. *Drake*.

197654. *Stallar*.

197655 to 197659. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

197655. *Arons* (Spring wheat.) 197658. *Eroica* (Winter wheat.)

197656. *Aros* (Winter wheat.) 197659. *Virtus*.

197657. *Eroica II* (Winter wheat.)

197660. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Brazil. Seeds presented by P. A. Goncalves, Rio Grande do Sul. Received July 30, 1951.

*Lageadinho*.

197661. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From England. Seeds presented by an unknown donor. Received July 30, 1951.

*Bursee*. Grown on Russett Farm; originally from France.

197662. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Guatemala. Seeds presented by an unknown donor. Received July 30, 1951.

Collected at San Mateo Ixtatán, Departamento de Huehuetenango, near border of the State of Chiapas, Mexico.



**197663 and 197664. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Argentina. Seeds presented by Dr. José Valega, Ministerio de Agricultura y Ganadería de la Nación, Castelar. Received July 31, 1951.

197663. *I.F. Castelar 49. 4131, L-103.*

197664. *Thatcher × (La Est. × R6); Thatcher × L-104.*

**197665. MANGIFERA INDICA L. Anacardiaceae.****Mango.**

From India. Seeds presented by the College of Agriculture, Poona, Bombay. Received July 30, 1951.

Small-fruited variety from Pachmarhi.

**197666 to 197700.**

From Mexico. Seeds presented by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 30, 1951.

197666. *ARISTOLOCHIA* sp. Aristolochiaceae.

No. 10512. Rio Grande de Santiago, Nayarit.

197667. *BEGONIA* sp. Begoniaceae.

No. 10446. Uruapan, Michoacán.

197668. *BOMBAX* sp.

No. 10478. Plan de Barrancas, Jalisco.

197669. *BRICKELLIA SPINULOSA* A. Gray. Asteraceae.

No. 10565. Sierra de Papanton, Zacatecas.

197670. *CANAVALIA* sp. Fabaceae.

No. 10433. Santiago de Tuxtla, Veracruz.

197671. *CUCURBITA PEPO* var. *OVIFERA* (L.) Alef. Cucurbitaceae.

No. 10511. Near Rio Grande de Santiago on Tepic-Mazatlán highway. A climbing vine; fruits varying from globose to ellipsoid, streaked green and yellow, 7.5 cm. in diameter. May 26, 1951.

197672. *CYRTOCARPA* sp. Anacardiaceae.

No. 10452. Uruapan, Michoacán.

197673. *DIPHYSA* sp. Fabaceae.

No. 10451. Apatzingán, Michoacán.

197674. *ERYTHRINA HERBACEA* L. Fabaceae.

**Coral tree.**

No. 10717. Mazatlán.

197675. *FICUS* sp. Moraceae.

No. 10421. Santiago de Tuxtla, Veracruz.

197676. *GOSSYPIUM* sp. Malvaceae.

No. 10450. Cañon del Marques, between Uruapan and Apatzingán, Michoacán.

197677. *ECHEVERIA* sp. Crassulaceae.

No. 10622. Palmita, Sinaloa.

197678. *MANFREDIA* sp. Amoryllidaceae.

No. 10497. Jalcocotán, Nayarit.

197679. *MARTYNIA* sp. Martyniaceae.

No. 10456. From Cañon del Marques, Michoacán.

## 197666 to 197700.—Continued

197680. NICANDRA PHYSALODES (L.) Gaertn. Solanaceae.

No. 10638. Santa Lucia, Sinaloa.

197681. PACHYRHIZUS sp. Fabaceae.

No. 10491. Jalcocotán, Nayarit.

197682. PLATYMISCIUM sp. Fabaceae.

No. 10686. Jalcocotán, Nayarit.

197683 to 197690. PHASEOLUS VULGARIS L. Fabaceae.

197683 to 197688. From market, Uruapan, Michoacán. May 10, 1951.

197683. No. 10437. *Frijol Higerillo*.197684. No. 10438. *Frijol Chicharo*.197685. No. 10439. *Frijol Alteno*.197686. No. 10440. *Frijol De Pascareno*.197687. No. 10441. *Frijol Amorano*.197688. No. 10442. *Frijol Moreno*.197689. No. 10508. *Frijol Asufrado*. Market, Tepic, Nayarit.197690. No. 10510. *Frijol Cuaranteno*. Market, Tepic, Nayarit.

197691. PHYSALIS sp. Solanaceae.

No. 10405. *Tomate de Hoja*. From market, Córdoba, Veracruz. April 26, 1951.

197692. PHYSALIS sp.

No. 10436. *Tomate Milpero*. Market, Uruapan, Michoacán. May 10, 1951.

197693. PHYSALIS sp.

No. 10457. Cañon del Marques, Michoacán.

197694. PHYSALIS NICANDROIDES Schlecht.

No. 10463. Between Sahuayo and Cojumatlán, Michoacán. May 15, 1951.

197695. PHYSALIS sp.

No. 10556. Durango City, Durango.

197696. SALVIA sp. Menthaceae.

No. 10527. Palmita, Sinaloa.

197697. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

No. 10563. Ranchito Cruz de Granada near Nombre de Dios, Durango. 1951. A mixture of two varieties, *Trigo Colorado* and *Trigo Barbelillo*.

197698 to 197700. ZEA MAYS L. Poaceae.

Corn.

197698. No. 10434. Market, Uruapan, Michoacán. May 10, 1951. *Maiz Argentina*.197699. No. 10435. Market, Uruapan, Michoacán. May 10, 1951. *Maiz Ancha*.197700. No. 10509. Market, Tepic, Nayarit. May 26, 1951. *Maiz del Río*.

197701 to 197711. AVENA SATIVA L. Poaceae.

Oats.

From Germany. Seeds presented by the Bayerische Landessaatzuchtanstalt, Weihenstephan b/Freising. Received July 31, 1951.

197701. *Doerflers*.197703. *Endress Weiss*.197702. *Ebstorfer Braun*.197704. *Engelens Ingo*.

## 197701 to 197711.—Continued

197705. *Fichtelgebirgs II.*197709. *Flamingstreue.*197706. *Firlbeck I.*197710. *Mauerner Weiss.*197707. *Firlbeck II.*197711. *Von Pfettens Weihenstephaner Weiss.*197708. *Flaminggold.*

## 197712 to 197714.

From Mexico. Tubers collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 2, 1951.

197712. *DIOSCOREA* sp. Dioscoreaceae.

No. 10869. South of Tepic, Nayarit, along highway to Guadalajara. July 16, 1951.

197713. *MANFREDIA* sp. Amaryllidaceae.

No. 10887. Guadalajara, Jalisco. July 19, 1951.

197714. *MANFREDIA* sp.

No. 10872. South of Tepic, Nayarit, along highway to Guadalajara. July 16, 1951.

197715. *STROPHANTHUS* sp. Apocynaceae.

From Angola. Seeds presented by G. M. Ebanga. Received Aug. 3, 1951.

## 197716 to 197737.

From Sweden. Seeds presented by the Sveriges Utsädesförenings, Svalöf. Received Aug. 8, 1951.

197716 to 197724. *AVENA SATIVA* L. Poaceae.

Oats.

197716. *Blandahavre.*197721. *Sagsrhavre.*197717. *Eetra Klockhavre.*197722. *Samchavre.*197718. *Guldrsgnshavre II.*197723. *Solhavre II.*197719. *Orianhavre III.*197724. *Stormogulhavre II.*197720. *Onhavre.*197725 to 197727. *HORDEUM* spp. Poaceae.

Barley.

197725 and 197726. *HORDEUM VULGARE* L.

Common barley.

197725. *Briokorn.*197726. *Radskorn.*197727. *HORDEUM DISTICHON* L.*Svanhalskorn.*197728 and 197729. *SECALE CEREALE* L. Poaceae.

Rye.

197728. *Kungsrag II.*197729. *Petkuservarrag.*197730 to 197737. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

197730. *Ella.*197734. *Progress.*197731. *Fzlgia.*197735. *Rival.*197732. *Odm* (Winter wheat.)197736. *Robur.*197733. *Parl II* (Winter wheat.)197737. *Skandiavata III.*197738. *POLYGONUM BISTORTOIDES* Pursh. Polygonaceae.

From Wyoming. Seeds collected by Walter H. Hodge, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 7, 1951.

SW-193. From Moran.

**197739. SIDEROXYLON sp. Sapotaceae.**

From Mexico. Seeds collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 7, 1951.

No. 10763. *Chico; Tempisque*. West of Compostela, Nayarit. July 16, 1951. Large tree, up to 65 feet high, with very sweet, yellow, plumlike fruits.

**197740. ZEA MAYS L. Poaceae.****Corn.**

From the Hawaiian Islands. Seeds presented by the Hawaiian Sugar Planters' Association, Honolulu. Received Aug. 7, 1951.

No. 4229. *Hawaiian Sugar*.

**197741. TRIFOLIUM ISTHMOCARPUM Brot. Fabaceae.**

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received Aug. 7, 1951.

**197742. PENNISETUM PURPUREUM Schumach. Poaceae.**

From French Equatorial Africa. Seeds presented by S. B. Coles, Pointe-Noire. Received Aug. 7, 1951.

**197743. MEDICAGO LUPULINA L. Fabaceae.****Black medic.**

From England. Seeds presented by Dunns Farm Seeds, Ltd., Salisbury. Received Aug. 8, 1951.

*Dunns English Trefoil*.

**197744 to 197746. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Collected by Charles L. Gilly and Efraim Hernandez X., Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 8, 1951.

**197744. DIOSCOREA sp.**

No. 7022. Guerrero. Aug. 1, 1951. (Cuttings.)

**197745. DIOSCOREA sp.**

No. 7001. Morelos. July 31, 1951. (Cuttings.)

**197746. DIOSCOREA REMOTIFLORA Kunth.**

No. 7002. Morelos. July 31, 1951. (Roots.)

**197747. VERATRUM CALIFORNICUM Durand. Liliaceae.**

From Colorado. Rhizomes collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 10, 1951.

SW 192. Seventeen miles north of Durango, on Silverton road. Aug. 28, 1951. Plants up to 4 feet high.

**197748 and 197749.**

From the Union of South Africa. Seeds presented by J. Leslie Parkhouse, Wonderhoogte Farm and Nursery, Utrecht, Natal. Received Aug. 10, 1951.

**197748. CRASSULA sp. Crassulaceae.****197749. PHRAGMITES COMMUNIS Trin. Poaceae.****Common reed.****197750 to 197753. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From India. Tubers presented by the Central Potato Research Institute, Patna. Received Aug. 13, 1951.

**197750. Darjeeling Red.****197752. Phulwa.****197751. Gola.****197753. Satha.**

**197754 and 197755. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Denmark. Seeds presented by the Plant Breeding Station, Otoftegaard, Taastrup. Received Aug. 13, 1951.

197754. *Otofte 56/45*. (Winter wheat.)

197755. *Otofte 61/45*. (Winter wheat.)

**197756. RHODODENDRON PRUNIFOLIUM (Small) Millais. Ericaceae.**

From Georgia. Plants collected by C. O. Erlanson, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbered Aug. 13, 1951.

No. 727. Rome. May 1936.

**197757 to 197777. SOLANUM spp. Solanaceae.**

From Canada. Seeds received at the Inter-regional Cooperative Potato Station, Sturgeon Bay, Wis., from Leo Dionne, New Brunswick. Numbered Aug. 13, 1951.

197757. *SOLANUM ANDIGENUM* Juz. & Buk.

*Collareja (E.P.C. 143)*, selfed.

197758 and 197759. *SOLANUM CHACOENSE* Bitter.

197758. Selfed seeds of clone-producing commercial-size tubers in field.

197759. *Form 4n, Clone II*, selfed.

197760. *SOLANUM COMMERSONII* Dunal.

Open-pollinated.

197761 to 197777. *SOLANUM*.

197761. *Solanum rybinii* var. *bogotense* × (var. *bogotense* × var. *popayanum*).

197762. (*Solanum rybinii* var. *bogotense* × *popayanum*) × (var. *bogotense* × var. *popayanum*).

197763 to 197777. *Solanum tuberosum* *Epicure* × 4n *S. chacoense*.

197763. *XA-1*.

197771. *XA-35*.

197764. *XA-3*.

197772. *XA-40*.

197765. *XA-5*.

197773. *XA-41*.

197766. *XA-13*.

197774. *XA-42*.

197767. *XA-17*.

197775. *XA-44*.

197768. *XA-20*.

197776. *XA-47*.

197769. *XA-21*.

197777. *XW-3*.

197770. *XA-31*.

**197778 to 197785. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Tubers collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 13, 1951.

From near Autlán, Jalisco. July 24, 1951.

197778. *DIOSCOREA* sp.

No. 10977.

197779. *DIOSCOREA* sp.

No. 10963.

197780. *DIOSCOREA NELSONII* Uline.

No. 11002.

**197778 to 197785.—Continued**197781. *DIOSCOREA* sp.

No. 10962.

197782. *DIOSCOREA* sp.

No. 10966.

197783. *DIOSCOREA* sp.

No. 11001.

197784. *DIOSCOREA* sp.

No. 11009.

197785. *DIOSCOREA* sp.

No. 11010.

**197786. ZOYSIA TENUIFOLIA Willd. Poaceae.**

From Japan. Plant presented by Albert F. Sanders, Agricultural Advisor, GHQ, United States Army, Tokyo. Received Aug. 14, 1951.

*Koria-Shiba.***197787 to 197798. AVENA SATIVA L. Poaceae.****Oats.**

From Australia. Seeds presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Aug. 16, 1951.

197787. 2202.

197793. 2295.

197788. 2206.

197794. 2296.

197789. 2207.

197795. 2298.

197790. 2208.

197796. *Dale.*

197791. 2250.

197797. *V. R. A. F. W.-3699.*

197792. 2256.

197798. *V. R. A. F. W.-3774.***197799 to 197805. SACCHARUM. Poaceae.****Sugarcane.**

From the Hawaiian Islands. Cuttings presented by the Hawaiian Sugar Planters' Association, Honolulu. Received Aug. 17, 1951.

197799. *Lahaina.*197800. *Sumatra.*197801. 39-5803; 32-1210  $\times$  35-1066.197802. 44-394; H109  $\times$  *S. narenga.*197803. 38-6233 32-9624  $\times$  *Sorghum halepense.*197804. 47-5641; 32-8560  $\times$  *unknown.*197805. 41-3340; 32-8560  $\times$  32-6705.**197806 to 197821. MEDICAGO SCUTELLATA (L.) Mill. Fabaceae.**

From Australia. Seeds presented by Dr. William Hartley, Division of Plant Industry, Canberra, A. C. T. Received Aug. 17, 1951.

Localities given are the original sources.

197806. 21. Merredin, Western Australia.

197807. 22. Origin unknown.

197808. 23. Crawley, Western Australia.

197809. 25. Netherlands.

197810. Lawes, Queensland.

197811. Lawes, Queensland.

**197806 to 197821.—Continued**

197812. Portugal.

197813. Malta.

197814. Origin unknown.

197815 to 197818. California.

197815. N-242.

197817. N-245.

197816. N-243.

197818. N-320.

197819. C.P.I. 13265. Paris, France.

197820. C.P.I. 12509. Barcelona, Spain.

197821. C.P.I. 12859. Cyprus.

**197822. MENTHA PULEGIUM L. Menthaceae.**

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received Aug. 17, 1951.

**197823 to 197829.**

From Algeria. Seeds presented by the Station Centrale D'Essais de Semences, Algiers. Received Aug. 17, 1951.

197823. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

197824. *LOTUS EDULIS* L. Fabaceae.197825. *LOTUS ORNITHOPODOIDES* L.197826. *LOTUS TETRAGONOLOBUS* L.197827. *MEDICAGO ARBOREA* L. Fabaceae.197828 and 197829. *MEDICAGO SATIVA* L.

Alfalfa.

197828. *Luzerne d'Egypte*.197829. *Luzerne de Lybie*.**197830. TRIFOLIUM REPENS L. Fabaceae.**

White clover.

From Jamaica. Seeds presented by B. F. Topper, Department of Agriculture, Kingston. Received Aug. 17, 1951.

**197831 and 197832. CARTHAMUS TINCTORIUS L. Asteraceae.**

Safflower.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Aug. 20, 1951.

197831. *T-39*.197832. *T-56*.**197833. ATRIPLEX SEMIBACCATA R. Br. Chenopodiaceae.**

From the Union of South Africa. Seeds presented by the South African Legation. Received Aug. 20, 1951.

**197834. POLYGONUM BISTORTOIDES Pursh. Polygonaceae.**

From Wyoming. Plants collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 20, 1951.

SW-194. Beartooth Pass; altitude 10,800 feet.

**197835 to 197844. AVENA SATIVA L. Poaceae.**

Oats.

From Sweden. Seeds presented by the Sveriges Utsädesförening, Svalöf. Received Aug. 20, 1951.

## 197835 to 197844.—Continued

- |                           |                            |
|---------------------------|----------------------------|
| 197835. <i>Beiar.</i>     | 197840. <i>Ylitornio.</i>  |
| 197836. <i>Korgen.</i>    | 197841. <i>Sv. 25/356.</i> |
| 197837. <i>Mesdag.</i>    | 197842. <i>Sv. 25/357.</i> |
| 197838. <i>Norum.</i>     | 197843. <i>0660.</i>       |
| 197839. <i>Orion III.</i> | 197844. <i>0670.</i>       |

## 197845 to 197873.

From Argentina. Seeds presented by the Estación Experimental Pergamino, Pergamino. Received Aug. 21, 1951.

197845. *ADESMIA INCANA* Vogel. Fabaceae.  
P. F. 304.
197846. *BRIZA TRILOBA* Nees. Poaceae.  
P. F. 154.
197847. *BROMUS BREVIS* Steud. Poaceae.  
P. F. 331. Originally from Mendoza.
- 197848 and 197849. *BROMUS CATHARTICUS* Vahl. Rescue grass.  
197848. P. F. 172.  
197849. P. F. 195.
197850. *BROMUS HAENKEANUS* (Presl) Kunth.  
P. F. 343. Originally from Mendoza.
197851. *BROMUS MOLLIS* L.  
P. F. 471. Originally from Balcarce, Buenos Aires.
197852. *BROMUS VALDIVIANUS* R. A. Phil.  
P. F. 299. Originally from Nahuel Huapí.
197853. *CALAMAGROSTIS VIRIDI-FLAVESCENS* (Poir.) Steud. Poaceae.  
P. F. 149.
197854. *ECHINOCHLOA CRUSGALLI* (L.) Beauv. Poaceae. Barnyard grass.  
P. F. 96.
197855. *HORDEUM STENOSTACHYS* Godr. Poaceae.  
P. F. 85.
197856. *LATHYRUS PUBESCENS* Hook. & Arn. Fabaceae.  
P. F. 1117.
197857. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.  
P. F. 221. Originally from Mendoza.
197858. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat. Fabaceae.  
P. F. 177.
197859. *MEDICAGO MUREX* Willd.  
P. F. 589. Originally from Uruguay.
197860. *MEDICAGO TUBERCULATA* (Retz.) Willd.  
P. F. 588. Originally from Uruguay.
197861. *PANICUM BERGII* Arech. Poaceae.  
P. F. 158.
197862. *PASPALUM PAUCICILIATUM* (Parodi) Herter. Poaceae.  
P. F. 15. Originally from Buenos Aires.



**197845 to 197873.—Continued**

197863. *PASPALUM QUADRIFARIUM* Lam.

P. F. 153.

197864. *PIPTOCHAETIUM MONTEVIDENSE* (Spreng.) Parodi. Poaceae.

P. F. 148.

197865. *PIPTOCHAETIUM STIPOIDES* var. *PURPURASCENS* (Hack.) Parodi.

P. F. 461.

197866. *POA* sp. Poaceae.

P. F. 487. Originally from Mar del Plata.

197867. *STIPA HYALINA* Nees. Poaceae.

P. F. 77.

197868. *STIPA PAPPOSA* Nees.

P. F. 150.

197869. *STIPA TRICHOTOMA* Nees.

P. F. 152.

197870 and 197871. *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

197870. P. F. 58.

197871. P. F. 810.

197872. *VICIA ANDICOLA* H.B.K. Fabaceae.

P. F. 1120. Originally from Buenos Aires.

197873. *VICIA GRAMINEA* Smith.

P. F. 1119. Originally from Buenos Aires.

197874. *ALLIUM CEPA* L. Liliaceae.

Onion.

From the Canary Islands. Seeds presented by Francisco Padron Perez, Santa Cruz de Tenerife. Received Aug. 24, 1951.

*Yellow Bermuda.*

197875. *VITIS VINIFERA* L. Vitaceae.

European grape.

From New Zealand. Cuttings presented by the Department of Agriculture, Wellington. Received Aug. 28, 1951.

*Albany Surprise.* Believed to be a sport of *Isabella*.

**197876 to 197890.**

From Mexico. Collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 28, 1951.

197876. *CITRUS* sp. Rutaceae.

No. 11092. Álamos, Sonora. (Seeds.)

197877. *DIOSCOREA* sp. Dioscoreaceae.

No. 11112. Ceboruco, Nayarit. (Root.)

197878. *DIOSCOREA* sp.

No. 11113. Tecomates, Jalisco. (Root.)

197879. *HECHTIA* sp. Bromeliaceae.

No. 11071. Álamos, Sonora. (Plants.)

197880. *TILLANDSIA* sp. Bromeliaceae.

No. 11069. Álamos, Sonora. (Plants.)

**197876 to 197890.—Continued**

197881. (Undetermined.)

No. 10998. Ajenjibre. Grass. (Roots.)

197882 to 197890. A collection of undetermined orchids. (Plants.)

197882. (Undetermined.)

No. 11006. (No data.)

197883. (Undetermined.)

No. 11028. Arroyo Obispo, Nayarit.

197884. (Undetermined.)

No. 11029. Arroyo Obispo, Nayarit.

197885. (Undetermined.)

No. 11031. Arroyo Obispo, Nayarit.

197886 to 197890. Álamos, Sonora.

197886. (Undetermined.)

No. 11073.

197887. (Undetermined.)

No. 11074.

197888. (Undetermined.)

No. 11075.

197889. (Undetermined.)

No. 11076.

197890. (Undetermined.)

No. 11077.

**197891. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Virginia. Seeds collected by J. T. Baldwin, Jr., College of William and Mary, Williamsburg. Received Aug. 28, 1951.

Grown for 50 years on the same farm in Brunswick County, without contamination or introduction of new seed. Highly inbred.

**197892. ZOYSIA TENUIFOLIA Willd. Poaceae.**

From Okinawa, Ryukyu Islands. Roots collected by Egbert H. Walker, United States National Museum, Washington, D. C. Received Aug. 28, 1951.

From the summit of a coral cliff overlooking the China Sea.

**197893 to 197896. IRIS spp. Iridaceae.**

From Turkey. Roots presented by Hanna Boutros, Mersin. Received Aug. 30, 1951.

197893 to 197895. IRIS GATESII Foster.

197893. Blue flowers.

197894. Grayish flowers.

197895. Reddish flowers.

197896. IRIS PERSICA L.

Received as variety *heldreichi*, an apparently unpublished name.

**197897. PRUNUS PERSICA (L.) Batsch. Amygdalaceae. Peach.**

From France. Cuttings presented by Jean Gaujard, Feyzin, Isere. Received Aug. 30, 1951.

*Raymond Gaujard.*

**197898 to 197906.**

From Mexico. Collected by Charles L. Gilly and Efraim Hernandez X., Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 30, 1951.

197898. *DIOSCOREA BARTLETTII* Morton. Dioscoreaceae.

No. 7132. Tabasco. (Cuttings.)

197899. *DIOSCOREA COMPOSITA* Hemsl.

No. 7037. Veracruz. (Root.)

197900. *DIOSCOREA* sp.

No. 7046. Veracruz. (Root.)

197901. *DIOSCOREA* sp.

No. 7049. Veracruz. (Cuttings.)

197902. *DIOSCOREA* sp.

No. 7138. Chiapas. (Cuttings.)

197903. *DIOSCOREA* sp.

No. 7140. Chiapas. (Cuttings.)

197904 to 197906. *SOLANUM TUBEROSUM* L. Solanaceae.

Potato.

From Chiapas. (Tubers.)

197904. No. 7077.

197905. No. 7076.

197906. No. 7078.

**197907 to 197930.**

From Japan. Cuttings presented by the Faculty of Agriculture, Tokyo University, Tokyo. Received Aug. 31, 1951.

197907 to 197926. *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae. Peach.

197907. *Hakuto*.

197917. *Kanto No. 11.*

197908. *Kanto No. 2.*

197918. *Kanto No. 12.*

197909. *Kanto No. 3.*

197919. *Kanto No. 13.*

197910. *Kanto No. 4.*

197920. *Kanto No. 14.*

197911. *Kanto No. 5.*

197921. *Kanto No. 15.*

197912. *Kanto No. 6.*

197922. *Kanto No. 16.*

197913. *Kanto No. 7.*

197923. *Kiyomi.*

197914. *Kanto No. 8.*

197924. *Okitsu.*

197915. *Kanto No. 9.*

197925. *Okubo.*

197916. *Kanto No. 10.*

197926. *Shingyoku.*

197927 to 197930. *PYRUS USSURIENSIS* Maxim. Malaceae.

197927. *Ishiiwase.*

197929. *Nijūseiki No. 1.*

197928. *Kikusui.*

197930. *Nijūseiki No. 2.*

**197931. *SANSEVIERIA* sp. Liliaceae.**

From the Union of South Africa. Roots and cuttings presented by the Durban Botanical Gardens, Durban, Natal. Received Aug. 31, 1951.

**197932 and 197933. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.**

From Colombia. Tubers collected by V. R. Gardner, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Aug. 31, 1951.

197932. *Tocana.* Bogotá.

197933. *Tuquerrena.* Bogotá.

**197934 to 197941. HYDRANGEA MACROPHYLLA (Thunb.) Seringe.**  
**Hydrangeaceae.**

From Germany. Cuttings purchased from E. Neubert Wandsbek, Hamburg.  
 Received Sept. 4, 1951.

197934. *Admiration*.

197938. *Idole*.

197935. *Apotheose*.

197939. *Nouvelle*.

197936. *Deesse*.

197940. *Splendeur*.

197937. *General Patton*.

197941. *Superbe*.

**197942. ARRACACIA XANTHORRHIZA Bancroft. Apiaceae.**

**Arracacha.**

From Brazil. Roots presented by the Instituto Agronómico, Campinas, São Paulo. Received Sept. 5, 1951.

**197943 to 197951. DIOSCOREA spp. Dioscoreaceae.**

From Brazil. Roots presented by Temple Clayton, Shering Corporation, Rio de Janeiro. Received Sept. 5, 1951.

197943. *DIOSCOREA SINUATA* Vell.

197944. *DIOSCOREA MONADELPHA* (Kunth) Pax.

197945. *DIOSCOREA* sp.

No. 5.

197946. *DIOSCOREA LAXIFLORA* Mart.

197947. *DIOSCOREA SINUATA* Vell.

No. 14.

197948. *DIOSCOREA* sp.

No. 19.

197949. *DIOSCOREA* sp.

No. 26.

197950. *DIOSCOREA* sp.

No. 26B.

197951. *DIOSCOREA DODECANEURA* Vell.

No. 22. Ornamental vine.

**197952. SACCHARUM. Poaceae.**

**Sugarcane.**

From Costa Rica. Cuttings presented by the Inter-American Institute of Agricultural Sciences, Turrialba. Received Sept. 7, 1951.

*Argentina.*

**197953 and 197954. ZEA MAYS L. Poaceae.**

**Corn.**

From Egypt. Seeds presented by the Ministry of Agriculture, Giza, Orman. Received Sept. 7, 1951.

197953. *Single Cross 14*.

197954. *Double Cross 27*.

**197955. SCHINOPSIS LORENTZII (Griseb.) Engler. Anacardiaceae.**  
**Quebracho.**

From Argentina. Seeds presented by the Ministerio de Agricultura y Ganadería, Buenos Aires. Received Sept. 7, 1951.

*Quebracho Colorado Santiagueno.* From Santiago del Estero.

**197956 to 197960.**

From Spain. Seeds presented by the Valdemanto Experimental Farm, Villamanta, Madrid. Received Sept. 7, 1951.

197956. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook. Poaceae.

197957. *PHALARIS PARADOXA* L. Poaceae.

197958 and 197959. *SANGUISORBA MINOR* Scop. Rosaceae.

197958. (No data.)

197959. Received as *Sanguisorba verrucosa*, a synonym.

197960. *STIPA* sp. Poaceae.

**197961. BETA NANA** Boiss. & Heldr. Chenopodiaceae.

From Greece. Roots collected on Mount Parnassus by G. H. Coons, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 10, 1951.

**197962 to 197973.**

From Mexico. Seeds collected by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 10, 1951.

197962. *AGAVE* sp. Amaryllidaceae.

No. 10576. Sierra Registro, Durango.

197963. *CNIDOSCOLUS* sp. Euphorbiaceae.

No. 11037. Mazatán, Nayarit.

197964. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

Cushaw.

No. 10987. Autlán, Jalisco.

197965. *JACQUINIA PUNGENS* A. Gray. Theophrastaceae.

No. 11091. Álamos, Sonora.

197966. *PACHYRHIZUS EROSUS* (L.) Urban. Fabaceae.

Yam-bean.

No. 11046. Tecomates, Jalisco.

197967 to 197971. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

From Autlán, Jalisco.

197967. No. 10985. *Frijol Berendo*.

197968. No. 10988. *Ejote*.

197969. No. 10989. *Morado de Agua*.

197970. No. 10990. *Bayo Berendo*.

197971. No. 10991. *Berendo*.

197972. *YUCCA* sp. Liliaceae.

No. 10543. Durango City, Durango.

197973. *ZEA MAYS* L. Poaceae.

Corn.

No. 10986. White corn from the coast of Jalisco.

**197974 to 197978.**

From Argentina. Seeds presented by the Estación Experimental Pergamino, Pergamino. Received Sept. 10, 1951.

197974. *ERAGROSTIS LUGENS* Nees. Poaceae.

P. F. 159. Natural field, Pergamino.

197975. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

P. F. 106. Balcarce, Buenos Aires.

**197974 to 197978.—Continued**197976. *PASPALUM DILATATUM* Poir. Poaceae.

P. F. 68.

197977. *PASPALUM PLICATULUM* Michx.

P. F. 467.

197978. *STIPA BRACHYCHAETA* Godr. Poaceae.

P. F. 156.

**197979. PTEROCARPUS ROTUNDIFOLIUS (Sond.) Druce. Fabaceae.**

From the Union of South Africa. Seeds collected by Walter H. Hodge, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 12, 1951.

A-171. Fifteen miles north of Brits, Transvaal.

**197980 to 197982.**

From New Zealand. Seeds presented by the Department of Agriculture, Wellington. Received Sept. 13, 1951.

197980. *ACTINIDIA CHINENSIS* Planch. Dilleniaceae. **Yangtao.**197981 and 197982. *CYPHOMANDRA BETACEA* (Cav.) Sendtn. Solanaceae.

197981. Red-fruited.

197982. Yellow-fruited.

**197983 to 197986. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Afghanistan. Seeds presented by F. O. Youngs, Morrison-Knudsen Afghanistan, Inc., Kabul. Received Sept. 13, 1951.

197983. No. 91.

197985. Early wheat.

197984. No. 92.

197986. Large-grained.

**197987 to 197991. PISUM SATIVUM L. Fabaceae. Pea.**

From the Netherlands. Seeds presented by the Poulvruchten Studie, Wageningen. Received Sept. 13, 1951.

197987. *Gruno.*197990. *Vinco.*197988. *Stijfstro C. B.*197991. *Zelka.*197989. *Unica.***197992 to 197999.**

From Germany. Seeds presented by Konrad Boettcher, Untermedingen, Schwaben. Received Sept. 14, 1951.

197992. *AGROSTIS ALBA* L. Poaceae.**Redtop.**197993. *ARRHENATHERUM ELATIUS* (L.) Beauv. Poaceae. **Tall oatgrass.**197994. *FESTUCA ELATIOR* L. Poaceae.**Meadow fescue.**197995. *FESTUCA RUBRA* L.**Red fescue.**197996. *MEDICAGO SATIVA* L. Fabaceae.**Alfalfa.**197997. *POA PRATENSIS* L. Fabaceae.**Kentucky bluegrass.**197998 and 197999. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**197998. *Oberhaunstadter.*197999. *Steinacher.*

**198000 to 198008.**

From Brazil. Seeds presented by Dr. Eno de Miranda Cardoso, Piraçicaba, São Paulo. Received Sept. 14, 1951.

**198000 to 198002.** *CROTALARIA MUCRONATA* Desv. Fabaceae.

**198000.** No. 1.

**198001.** No. 2.

**198002.** No. 3.

**198003.** *CROTALARIA PAULINA* Schrank.

**198004.** *INDIGOFERA HIRSUTA* L. Fabaceae.

**198005.** *INDIGOFERA SUMATRANA* Gaertn.

**198006.** *PACHYRHIZUS* sp. Fabaceae.

No. 1.

**198007.** *PACHYRHIZUS* sp.

No. 2.

**198008.** *TEPHROSIA TOXICARIA* (Sw.) Pers. Fabaceae.

**198009.** *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**

From India. Seeds presented by the Second Economic Botanist to the Government, Madhya Pradesh, Nagpur. Received Sept. 17, 1951.

*Madhya Pradesh N.7.*

**198010 and 198011.**

From the Cook Islands. Presented by W. McBirney, Raratonga. Received Sept. 19, 1951.

**198010.** *BARRINGTONIA EDULIS* Seem. Lecythidaceae.

(Seeds.)

**198011.** *NYMPHAEA LOTUS* L. Nymphaeaceae.

*Purpurea.* (Bulb and seeds.)

**198012.** *OCHLANDRA TRAVANCORICA* Benth. Poaceae. **Bamboo.**

From India. Plants presented by Boshi Sen, Almora, United Provinces. Received Sept. 24, 1951.

**198013 to 198024.**

From Japan. Seeds presented by the Ministry of Agriculture and Forestry, Tokyo. Received Sept. 14, 1951.

**198013.** *LESPEDEZA BICOLOR* Turcz. Fabaceae.

**198014.** *LESPEDEZA* sp.

**198015.** *INDIGOFERA PSEUDO-TINCTORIA* Matsum. Fabaceae.

**198016.** *ALNUS FIRMA* Sieb. & Zucc. Betulaceae.

**198017.** *ALNUS JAPONICA* Sieb. & Zucc.

**198018.** *ALNUS PENDULA* Matsum.

Introduced as *Alnus multinervis*, a synonym.

**198019.** *AMORPHA FRUTICOSA* L. Fabaceae.

**198020.** *PINUS DENSIFLORA* Sieb. & Zucc. Pinaceae.

**Pine.**

**198021.** *PINUS THUNBERGII* Parl.

**198022.** *ROBINIA PSEUDOACACIA* L. Fabaceae.

**Black locust.**

**198023.** *VICIA HIRSUTA* (L.) S. F. Gray. Fabaceae.

**198024.** *VICIA SATIVA* L.

**Common vetch.**

**198025 to 198059.**

From Ecuador and Peru. Seeds collected by V. R. Gardner, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Sept. 17, 1951.

Unless otherwise mentioned, material was collected in Peru.

**198025 to 198041. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

**198025 to 198029. Public market, Lima.**

198025. No. 1. 198028. No. 4.

198026. No. 2. 198029. No. 5.

198027. No. 3.

**198030 to 198035. Public market, Quito, Ecuador.**

198030. No. 1. 198033. No. 4.

198031. No. 2. 198034. No. 5.

198032. No. 3. 198035. No. 6.

**198036 to 198041. La Molina Experiment Station, La Molina.**

198036. *Cocacho*. 198039. *Panamito*.

198037. *Plomo*. 198040. *Canario*.

198038. *Bayo Morro-pon*. 198041. *Bayo*.

**198042 to 198059. ZEA MAYS L. Poaceae. Corn.**

From Cuzco.

198042. Seeds red.

198043. Seeds yellow.

198044. Seeds white.

198045. Seeds small, white.

198046. Seeds large, white.

198047. *Capuli*. Seeds red.

198048. *Confeti Reventalore*. Seeds small, white.

198049. *Cenarillo Urquello*. Seeds yellow.

198050. *Chulpi*. Seeds yellow.

198051. *Chuspi*. Seeds white with brown spots.

198052. Seeds dark red.

198053. *Saxsa*. Seeds yellow with red streaks.

198054. Seeds white with purple spots.

198055. Seeds white and large.

198056. Seeds yellow.

198057. Seeds yellow with red streaks.

198058. Seeds yellow and red.

198059. Seeds red.

**198060 to 198077.**

From Sweden. Seeds presented by the Agricultural Experiment Station, Svalöf, through E. E. Rodemacher, Nokomis, Ill. Received Sept. 17, 1951.

**198060. BRASSICA sp. Brassicaceae.**

*Godermargkal*.

**198061. BRASSICA sp.**

*Varrylos*.



## 198060 to 198077.—Continued

198062. BRASSICA sp.

*Varraps.*

198063. BRASSICA sp.

*Vitsenays.*

198064. BROMUS INERMIS Leyss. Fabaceae.

Brome-grass.

Sv. 02007.

198065 and 198066. FESTUCA ELATIOR L. Poaceae.

Meadow fescue.

198065. *Sena.*198066. *Tediga.*

198067. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

*Ugra Saja.*

198068 and 198069. LINUM USITATISSIMUM L. Linaceae.

Flax.

198068. *Kristlima Spanadslin.*198069. *Valutalin.*

198070. LOLIUM PERENNE L. Poaceae.

Perennial ryegrass.

*Viktorja.*

198071. PAPAVER ORIENTALE L. Papaveraceae.

Oriental poppy.

*Vallmo Valmdorfu.*

198072 to 198074. PISUM SATIVUM L. Fabaceae.

Pea.

198072. *Brioart.*198073. *Saloart.*198074. *Gorsdagsart III.*

198075. POA PRATENSIS L. Poaceae.

Kentucky bluegrass.

*Tylking.*

198076. TRIFOLIUM REPENS L. Fabaceae.

White clover.

*Soca.*

198077. VICIA SATIVA L. Fabaceae.

Common vetch.

*Solvickie.*

198078. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

From India. Seeds presented by P. Vaidyanathan, Embassy of India, Washington, D. C. Received Sept. 18, 1951.

*Punjab-1.*

## 198079 to 198082.

From Turkey. Seeds obtained through Hugh Richwine, Food and Agriculture Organization of the United Nations, Ankara. Received Sept. 20, 1951.

198079. JUNCUS sp. Juncaceae.

Grasslike; from between Konya and Aksaray, at 3,000 feet altitude.

198080. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

Near Erzurum, at 6,000 feet altitude.

198081. ORYZOPSIS MILIACEA (L.) Benth. &amp; Hook. Poaceae.

From the site of Old Ephesus, at 1,000 feet altitude.

198082. POA BULBOSA L. Poaceae.

**198083 to 198087. DIOSCOREA spp. Dioscoreaceae.**

From Okinawa, Ryukyu Islands. Tubers collected by E. H. Walker, United States National Museum, Washington, D. C. Received Sept. 21, 1951.

198083. *DIOSCOREA ALATA* L.

198084. *DIOSCOREA BULBIFERA* L.

198085. *DIOSCOREA KELUNGENSIS* Hayata.

No. 6613.

198086. *DIOSCOREA* sp.

No. 6669.

198087. *DIOSCOREA* sp.

**198088 to 198102.**

From Morocco. Seeds presented by the Centre de Recherche Agronomique, Rabat. Received Sept. 21, 1951.

198088. *FESTUCA ELATIOR* L. Poaceae.

**Meadow fescue.**

198089. *MEDICAGO MARINA* L. Fabaceae.

198090. *MELILOTUS SEGETALIS* (Brot.) Seringe. Fabaceae. **Sweetclover.**

198091. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook. Poaceae.

198092 to 198094. *PHASEOLUS LUNATUS* L. Fabaceae.

**Lima bean.**

198092. *Baby Potato.*

198093. *Nebraska.*

198094. *De Tupolikanie.*

198095. *POLYPOGON MONSPELIENSIS* (L.) Desf. Poaceae.

198096. *SCORPIURUS SULCATA* L. Fabaceae.

198097. *SCORPIURUS VERMICULATA* L.

198098. *TRIFOLIUM RESUPINATUM* L. Fabaceae.

**Persian clover.**

198099. *TRIFOLIUM STELLATUM* L.

198100. *TRIFOLIUM TOMENTOSUM* L.

198101. *VICIA LUTEA* L. Fabaceae.

198102. *VICIA* sp.

**198103 and 198104.**

From Brazil. Bulbs presented by Temple Clayton, Espírito Santo, Espírito Santo. Received Sept. 21, 1951.

198103. *HIPPEASTRUM EQUESTRE* (L.) Herb. Amaryllidaceae.

Flowers red with yellow throat.

198104. (Undetermined.)

Amaryllid; flowers white.

**198105. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From Chile. Cuttings presented by Richard Lovald, Food and Agriculture Mission, Santiago. Received Sept. 24, 1951.

*Pais.* A variety that has proved its adaptability to the soil and climate of Chile since it was brought in by the Spaniards.

**198106 and 198107. SACCHARUM. Poaceae.**

**Sugarcane.**

From Australia. Cuttings presented by the Colonia Sugar Refining Company, Sydney, New South Wales. Received Sept. 24, 1951.

198106. *Ragnar.*

198107. *45-M.Q. 3517.*

**198108 to 198113.**

From Argentina. Seeds presented by the Ministerio de Agricultura y Ganadería, Buenos Aires. Received Sept. 24, 1951.

**198108.** *AGROPYRON* sp. Poaceae.

*SD 50-1180.*

**198109.** *PASPALUM DILATATUM* Poir. Poaceae.

*SD 51-476.*

**198110.** *PASPALUM PAUCICILIATUM* (Parodi) Herter.

*SD 51-478.*

**198111.** *PASPALUM PLICATULUM* Michx.

*SD 51-477.*

**198112.** *PASPALUM QUADRIFARIUM* Lam.

*SD 51-479.*

**198113.** *PIPTOCHAETIUM MONTEVIDENSE* (Spreng.) Parodi. Poaceae.

*SD 51-480.*

**198114. RICINODENDRON RAUTANENII Schinz. Euphorbiaceae.**

From the Union of South Africa. Seeds presented by J. L. Dougherty, Agricultural Attaché, American Embassy, Pretoria, Transvaal. Received Sept. 24, 1951.

**198115. DIOSCOREA sp. Dioscoreaceae.**

From Okinawa, Ryukyu Islands. Roots collected by E. H. Walker, United States National Museum, Washington, D. C. Received Sept. 25, 1951.

**198116 to 198118. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Tubers collected by Charles L. Gilly, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 25, 1951.

**198116.** *DIOSCOREA* sp.

No. 7133. Tabasco.

**198117.** *DIOSCOREA BELIZENSIS* Lundell.

No. 7130. Tabasco.

**198118.** *DIOSCOREA* spp.

A mixture of Nos. 7027 and 7141 from Morelos and Chiapas.

**198119. LUPINUS LUTEUS L. Fabaceae. European yellow lupine.**

From Florida. Seeds presented by the Agricultural Experiment Station, Gainesville. Received Sept. 26, 1951.

German white-seeded variety.

**198120 to 198130. FRAGARIA. Rosaceae.**

**Strawberry.**

From Portugal. Plants presented by Alfredo-Moreira da Silva & Filhos, Porto. Received Sept. 27, 1951.

**198120.** *Barcelos* 237.

**198126.** *Santo Tirso* 230.

**198121.** *Fafe* 213.

**198127.** *Valongo* 223.

**198122.** *Lisboa* 209.

**198128.** *Viana* 233.

**198123.** *Maia* 222.

**198129.** *Vila da Feira* 227.

**198124.** *Matosinhos* 221.

**198130.** 211.

**198125.** *Porto* 215.

198131. *MANGIFERA INDICA* L. Anacardiaceae. **Mango.**

From India. Seeds presented by the Government Horticulturist, Poona, Bombay. Received Sept. 27, 1951.

198132 to 198146. *ORYZA SATIVA* L. Poaceae. **Rice.**

From Burma. Seeds presented by the Department of Agriculture, Rangoon. Received Oct. 1, 1951.

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|--|---------------------------------------|
| 198132. <i>Ahme-phuthe Ty-25.</i>      | 198140. <i>Lawthawgyi E 30-42.</i>    |
| 198133. <i>Bophathe Ty-7.</i>          | 198141. <i>Maung-nyo B 24-92.</i>     |
| 198134. <i>Buphopa Ty-26.</i>          | 198142. <i>Nariphathe Ty-16.</i>      |
| 198135. <i>Busogu Ty-11.</i>           | 198143. <i>Patheinwa Ty-13.</i>       |
| 198136. <i>Buthe Ty-18.</i>            | 198144. <i>Sein-gyi C 28-16.</i>      |
| 198137. <i>Hnanwa Phingauk A 36-3.</i> | 198145. <i>Shan-phwe-taung Ty-21.</i> |
| 198138. <i>Kamakyi D 17-88.</i>        | 198146. <i>Yodaya Ty-12.</i>          |
| 198139. <i>Kywe-bu-the Ty-17.</i>      |                                       |

198147 to 198149. *QUERCUS* spp. Fagaceae. **Oak.**

From Canada. Seeds presented by the Department of Agriculture, Ottawa, Ontario. Received Oct. 2, 1951.

198147. *QUERCUS MACROCARPA* Michx.  
No. 13590. Twin Elm, Carleton County, Ontario.
198148. *QUERCUS* sp.  
No. 2753. Larimac Golf Club, Hull County, Ontario.
198149.  $\times$  *QUERCUS BEBBIANA* Schneid.  
No. 08-414-1.

## 198150 to 198154.

From India. Seeds presented by L. D. Kapoor, Research Laboratories, Jammu-Tawi, Kashmir. Received Oct. 4, 1951.

198150. *BRASSICA* sp. Brassicaceae.
198151. *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae. **Buckwheat.**
198152. *HORDEUM VULGARE* L. Poaceae. **Common barley.**
- 198153 and 198154. *PANICUM MILIACEUM* L. Poaceae. **Proso.**
198153. *Pinga.*
198154. *Shola.*

198155 to 198158. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

From Iraq. Seeds presented by the Director-General of Agriculture, Bagdad. Received Oct. 4, 1951.

198155. *Giza No. 10.* From Egypt.
198156. *Mahalli No. 8.*
198157. *Mosulli No. 28.* From Mosul.
198158. *Roussi.* From Russia.

198159. *SORGHUM INTRANS* Benth. Poaceae.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Oct. 8, 1951.

198160. *LUPINUS ALBUS* L. Fabaceae. **White lupine.**

From Germany. Seeds presented by the Max Planck Gesellschaft, Hamburg. Received Oct. 8, 1951.

A hybrid between the sweet and bitter types, F<sub>2</sub> population.

**198161 to 198165. QUERCUS spp. Fagaceae. Oak.**

From England. Seeds presented by the Royal Botanic Gardens, Kew, Surrey.  
Received Oct. 8, 1951.

198161. *QUERCUS GLANDULIFERA* Blume.

198162. *QUERCUS LUSITANICA* Lam.

198163. *QUERCUS MACRANTHERA* Fisch. & Meyer.

198164. *QUERCUS ROBUR* L.

English oak.

198165. *QUERCUS RUBRA* L.

Red oak.

**198166 to 198168. PHASEOLUS VULGARIS L. Fabaceae.**

**Common bean.**

From Australia. Seeds presented by the Department of Agriculture, Melbourne, Victoria. Received Oct. 12, 1951.

198166. *Clarendon Wonder*.

198167. *Hawksbury Wonder*.

198168. *Richmond Wonder*.

**198169. ARUNDINARIA AMABILIS McClure. Poaceae. Bamboo.**

From England. Plants presented by the British Bamboo Groves, Ltd., Bodwin, Cornwall, through Luis Marden, National Geographic Society, Washington, D. C. Received Oct. 15, 1951.

**198170. TRIGONELLA SUAVISSIMA Lindl. Fabaceae.**

From Australia. Seeds presented by the Department of Agriculture and Stock, Tanbar, Queensland. Received Oct. 16, 1951.

**198171. CORTADERIA SELLOANA (Schult.) Aschers. & Graebn.**

Poaceae.

**Pampas grass.**

From New Zealand. Plants presented by Wallace Shrimpton, Auckland. Received Oct. 18, 1951.

**198172. SOLANUM TUBEROSUM L. Solanaceae.**

**Potato.**

From Italy. Tubers presented by the Agronomy and Field Crops Institute, University of Florence, Cascina. Received Oct. 22, 1951.

61-1-4 *Avanzi*.

**198173 to 198176. SANSEVIERIA spp. Liliaceae.**

From Africa. Plants collected by J. T. Baldwin, Jr., University of Virginia, Williamsburg. Received Oct. 10, 1951.

198173. *SANSEVIERIA* sp.

No. 1. Monrovia, Liberia.

198174. *SANSEVIERIA* sp.

No. 2. Ten miles east of Tchien, Tchien District, Liberia.

198175. *SANSEVIERIA* sp.

No. 3. Ten miles east of Tchien, Tchien District.

198176. *SANSEVIERIA* sp.

No. 4. Ibadan, Nigeria.

**198177 to 198180. SACCHARUM. Poaceae.**

**Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiment Stations, Brisbane, Queensland. Received Oct. 10, 1951.

198177. *G 270*.

198179. *HQ 426*.

198178. *POJ 2875*.

198180. *Q 13*.

**198181. FICUS PALMERI S. Wats. Moraceae. Fig.**

From Mexico. Seeds presented by Howard Gates, Corona, Calif. Received Oct. 11, 1951.

Collected at Cape San Lucas, Lower California, Aug. 5, 1951.

**198182 to 198193. SACCHARUM. Poaceae. Sugarcane.**

From the Hawaiian Islands. Cuttings presented by the Hawaiian Sugar Planters' Association, Honolulu. Received Oct. 15, 1951.

198182. 44-720. 198188. 40-3986.

198183. 32-9791. 198189. 36-7293.

198184. 46-2876. 198190. 36-1804.

198185. 32-9391. 198191. 31-1407.

198186. 35-1967. 198192. 47-2910.

198187. 34-3171. 198193. 37-410.

**198194 to 198199. LITCHI CHINENSIS Sonner. Sapindaceae. Lychee.**

From India. Plants presented by the Horticultural Research Station, Saharanpur, United Provinces. Received Oct. 18, 1951.

198194. Calcutta. 198197. Late Bedana.

198195. Early Bedana. 198198. Large Red.

198196. Early Large. 198199. Rose Scented.

**198200 to 198214. MANGIFERA INDICA L. Anacardiaceae. Mango.**

From India. Cuttings presented by the Horticultural Research Station, Saharanpur, United Provinces. Received Oct. 18, 1951.

198200. Alfonzo. 198208. Khas-ue-khas.

198201. Asojia Deobana. 198209. Langra.

198202. Bombay Green. 198210. Rataue.

198203. Bombay Yellow. 198211. Safeda.

198204. Dasehai. 198212. Samarbihisht Alibag.

198205. Dilpasand. 198213. Samarbihisht Chausa.

198206. Fajri Jafrani. 198214. Taimuria.

198207. Fajri Kalan.

**198215 to 198217. SACCHARUM. Poaceae. Sugarcane.**

From the British West Indies. Cuttings presented by the Director of Agriculture, Port of Spain, Trinidad. Received Oct. 19, 1951.

198215. M112/34.

198216. M213/40.

198217. M423/41.

**198218 to 198227. AVENA SATIVA L. Poaceae. Oats.**

From Argentina. Seeds presented by the Instituto de Fitotecnica, Buenos Aires. Received Oct. 19, 1951.

198218. Avena Minor 50-2622. 198223. Klein Al. 50-2691.

198219. Bage 1419/36. 50-2626. 198224. Klein At. 50-2692.

198220. B. B. M3 50-2629. 198225. Klein Va. 50-2694.

198221. Criolla Saltena 50-2653. 198226. Mc. Mc. 50-2711.

198222. Hibride Vavilor 50-2680. 198227. Uruguayland 50-2779.

**198228 to 198238. ORYZA SATIVA L. Poaceae. Rice.**

From India. Seeds presented by the Central Rice Research Institute, Orissa.  
Received Oct. 19, 1951.

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|--------------------|-------------------|
| 198228. CO. 19.    | 198234. MTU. 1.   |
| 198229. CO. 25.    | 198235. MTU. 15.  |
| 198230. CRH. 7.    | 198236. SLO. 17.  |
| 198231. CRH. 13.   | 198237. SR. 26-B. |
| 198232. Cuttack 4. | 198238. T. 892.   |
| 198233. GEB. 24.   |                   |

**198239 to 198242. HORDEUM spp. Poaceae. Barley.**

From Germany. Seeds presented by Dr. Greta Ziegenbein, Frankfurt-am-Main. Received Oct. 19, 1951.

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|--------------------------------------|----------------|
| 198239. HORDEUM sp.                  |                |
| <i>Weissenhaus 630.</i>              |                |
| 198240 to 198242. HORDEUM VULGARE L. | Common barley. |
| 198240. <i>Weissenhaus 1467.</i>     |                |
| 198241. <i>Weissenhaus 1512.</i>     |                |
| 198242. <i>Weissenhaus 2206.</i>     |                |

**198243 to 198249. QUERCUS spp. Fagaceae. Oak.**

From Italy. Seeds presented by the Botanical Institute, Florence. Received Oct. 22, 1951.

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|------------------------------|--------------|
| 198243. QUERCUS AEGILOPS L.  |              |
| 198244. QUERCUS COCCIFERA L. | Kermes oak.  |
| 198245. QUERCUS ILEX L.      | Holly oak.   |
| 198246. QUERCUS ROBUR L.     | English oak. |

Received as *Quercus pedunculata*.

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|----------------------------------|--------------|
| 198247. QUERCUS PUBESCENS Willd. |              |
| 198248. QUERCUS ROBUR L.         | English oak. |
| 198249. QUERCUS TROJANA Webb.    |              |

**198250 to 198257. DIOSCOREA spp. Dioscoreaceae.**

From Brazil. Tubers presented by Dr. Temple Clayton, Shering Corporation, Rio de Janeiro. Received Oct. 23, 1951.

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|---------------------------------------|--|
| 198250. DIOSCOREA sp.                 |  |
| <i>J.G.K. No. 4.</i>                  |  |
| 198251. DIOSCOREA sp.                 |  |
| <i>No. 29.</i>                        |  |
| 198252. DIOSCOREA sp.                 |  |
| <i>No. 29A.</i>                       |  |
| 198253. DIOSCOREA sp.                 |  |
| <i>No. 41.</i>                        |  |
| 198254. DIOSCOREA AMARANTOIDES Presl. |  |
| <i>No. 54.</i>                        |  |
| 198255. DIOSCOREA sp.                 |  |
| <i>No. 55.</i>                        |  |

**198250 to 198257.—Continued**

198256. DIOSCOREA sp.

No. 58.

198257. DIOSCOREA sp.

No. 32.

**198258 and 198259. LACTUCA spp. Cichoriaceae.**

From Turkey. Seeds presented by Dr. Afif Gediz, Turkish Sugar Company, Eskisehir. Received Oct. 23, 1951.

198258. LACTUCA SERRIOLA L.

198259. LACTUCA VIROSA L.

**198260. VICIA CRACCA L. Fabaceae.**

From Canada. Seeds presented by the Special Cultures Division, Department of Agriculture, Montreal, Quebec. Received Oct. 23, 1951.

**198261 to 198266.**

From Turkey. Presented by Hanna Boutros, Mersin. Received Oct. 23, 1951.

Material collected was bulbs unless otherwise noted.

198261. NARCISSUS TAZETTA L. Amaryllidaceae.

198262. CYCLAMEN CILICICUM Boiss. &amp; Heldr. Primulaceae.

198263. HYACINTHUS sp. Liliaceae.

**Hyacinth.**

198264. IRIS GATESII Foster. Iridaceae.

(Rhizomes.)

198265. IRIS TINGITANA Boiss. &amp; Reut.

Received as *I. persica* var. *heldreichii*, apparently an unpublished name.

198266. SCILLA AUTUMNALIS L. Liliaceae.

**198267 to 198274. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Australia. Seeds presented by the New England Experiment Farm, Glen Innes, New South Wales. Received Oct. 23, 1951.

198267. *Celebration Tenmarq* × *Dundee*.198268. (*Kenya Gular* × *Winter Minflor*) × *Doulbe Truss Dundee*.198269. (*Kenya Pusa 4 Nabawa* × *Ghurka*) × *Early Blackhull*.198270. *Marquillo-Waratah Baringa* × *Argentine 33 MA*.198271. *Marquillo-Waratah Ford Early Blackhull* × *Gabo*.198272. *Pusa 4 Baringa* × *Federation Acme*.198273. *Steinwedel Timopheevi* × *Dundee II 46-149-0-0-2*.198274. *Steinwedel Timopheevi* × *Dundee II 46-149-0-0-4*.**198275 to 198280. ILEX spp. Aquifoliaceae.****Holly.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Oct. 23, 1951.

198275 and 198276. ILEX AQUIFOLIUM L.

**English holly.**

198275. B-43193.

198276. B-43194.



## 198275 to 198280.—Continued

198277 to 198279. *ILEX CORNUTA* Lindl. & Paxt. Chinese holly.

198277. B-43195.

198278. B-10909.

198279. B-10909A.

198280. *ILEX* sp.

From the Oregon Bulb Farms, Gresham, Oreg. A creeping holly.

198281 to 198288. *DIOSCOREA* spp. Dioscoreaceae.

From Brazil. Tubers presented by Dr. Temple Clayton, Shering Corporation, Rio de Janeiro. Received Oct. 24, 1951.

198281. *DIOSCOREA* sp.

No. 28.

198282. *DIOSCOREA* sp.

No. 33.

198283. *DIOSCOREA* sp.

No. 34.

198284. *DIOSCOREA* sp.

No. 35.

198285. *DIOSCOREA* sp.

No. 31A.

198286. *DIOSCOREA OLFERSIANA* Klotzsch.

No. 49.

198287. *DIOSCOREA* sp.

No. 53.

198288. *DIOSCOREA* sp.

No. 57.

## 198289 to 198332.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Oct. 24, 1951.

198289 to 198294. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.198289. *N. P.* 9.198292. *N. P.* 22.198290. *N. P.* 10.198293. *N. P.* 30.198291. *N. P.* 18.198294. *N. P.* 34.198295. *CASSIA ANGUSTIFOLIA* Vahl. Caesalpiniaceae.198296 and 198297. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. Guar.198296. *Delhi Local I. C.* 32.198297. *Pardeshi I. C.* 44.198298 to 198311. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae. Ragi.198298. *Bajri No.* 207.198305. *Nagli A-16.* (Late.)198299. *Bavto Cul. No.* 47-1.198306. *Nagli E-31.* (Midlate.)198300. *Bavto Cul. No.* 96-3.198307. *Red Nagli-47.*198301. *Bavto Cul. No.* 220-1.198308. *Red Nagli-100.*198302. *Nagli B-11.* (Early.)198309. *Red Nagli-192.*198303. *Nagli 28-1.* (Early.)198310. *Co.* 1.198304. *Nagli 50-1.*198311. *Co.* 2.

## 198289 to 198332.—Continued

198312 to 198314. *PANICUM MILIACEUM* L. Poaceae. **Proso.**198312. *Vari-10.*198313. *Vari-13-11* (Late.)198314. *P. V. 36.*198315 and 198316. *PANICUM MILIARE* Lam.198315. *P. M. 2.*198316. *P. M. 4.*198317 to 198321. *PENNISETUM SPICATUM* (L.) Willd. Poaceae. **Pearl millet.**198317. *Bajri L. M. 38-39.*198320. *Co. 1.*198318. *Bajri AF 3—G1-G1-G1.*198321. *Co. 2.*198319. *Bajri 28-151-1.*198322 to 198327. *PASPALUM SCROBICULATUM* L. Poaceae.198322. *Kodra Cul. No. 494-1* (Type Haria).198323. *Kodra 18-4.*198324. *P. S. 1.*198325. *Kodra 7-1.*198326. *Kodra Cul. No. 138-1* (Type Haria Chodharia).198327. *Kodra Cul. No. 80-2* (Type Haria Chodharia).198328 and 198329. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**198328. *Rala 31-1.*198329. *Rala 301-1.*198330 to 198332. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**198330. *Brinja Clustered White.*198331. *Brinja Muktakeshi.*198332. *Brinja Busa Purple.*198333 to 198343. *DIOSCOREA* spp. Dioscoreaceae.

From Brazil. Tubers presented by Dr. Temple Clayton, Shering Corporation, Rio de Janeiro. Received Oct. 25, 1951.

198333. *DIOSCOREA* sp.*J.G.K. No. 7.*198334. *DIOSCOREA* sp.*No. 30.*198335. *DIOSCOREA* sp.*No. 36.*198336. *DIOSCOREA* sp.*No. 36B.* Introduced as *D. luminii*, an apparently unpublished name.198337. *DIOSCOREA* sp.*No. 37.*198338. *DIOSCOREA* sp.*No. 38.*198339. *DIOSCOREA LAGOA-SANTA* Uline.*No. 39.*

**198333 to 198343.—Continued**

**198340.** DIOSCOREA MONADELPHOIDES (Kunth) Macbr.

*No. 42.* (Female.)

**198341.** DIOSCOREA sp.

*Nos. 44, 45, 47* combined; differences are probably only in leaf form.

**198342.** DIOSCOREA sp.

*No. 46.*

**198343.** DIOSCOREA sp.

*No. 51.*

**198344 to 198552. BETA spp. Chenopodiaceae.**

From Europe. Seeds presented by the Division of Sugar Plant Investigations, Plant Industry Station, Beltsville, Md. Received Oct. 25, 1951.

Collected by G. H. Coons.

**198344 to 198346.** Santa Pola, Spain. July 16, 1951.

**198344.** BETA sp.

*No. 181.*

**198345.** BETA sp.

*No. 182.*

**198346.** BETA sp.

*No. 183.*

**198347 to 198358.** Five km. from Alhama, near Murcia, Spain. July 16, 1951.

**198347.** BETA sp.

*No. 184.*

**198348.** BETA sp.

*No. 185.*

**198349.** BETA sp.

*No. 186.*

**198350.** BETA sp.

*No. 187.*

**198351.** BETA sp.

*No. 188.*

**198352.** BETA sp.

*No. 189.*

**198353.** BETA sp.

*No. 190.*

**198354.** BETA sp.

*No. 191.*

**198355.** BETA sp.

*No. 192.*

**198356.** BETA sp.

*No. 193.*

**198357.** BETA sp.

*No. 194.*

**198358.** BETA sp.

*No. 195.*

## 198344 to 198552.—Continued

198359 to 198367. BETA VULGARIS L.

Beet.

Received as *B. foliosa*, a synonym of *B. vulgaris*. From Salinli, Turkey. Aug. 4, 1951.

198359. No. 163.	198364. No. 168.
198360. No. 164.	198365. No. 169.
198361. No. 165.	198366. No. 170.
198362. No. 166.	198367. No. 171.
198363. No. 167.	

198368 to 198387. BETA INTERMEDIA Bunge.

Near Erzurum, Turkey.

198368. No. 129.	198378. No. 139.
198369. No. 130.	198379. No. 140.
198370. No. 131.	198380. No. 141.
198371. No. 132.	198381. No. 142.
198372. No. 133.	198382. No. 143.
198373. No. 134.	198383. No. 144.
198374. No. 135.	198384. No. 145.
198375. No. 136.	198385. No. 146.
198376. No. 137.	198386. No. 147.
198377. No. 138.	198387. No. 148.

198388 to 198401. BETA LOMATOGONA Fisch. &amp; Mey.

From Turkey.

198388. No. 149. Cheanbiyli. June 30, 1951.

198389 to 198397. Sofran, near Eskishir. July 26, 1951.

198389. No. 150.	198394. No. 155.
198390. No. 151.	198395. No. 156.
198391. No. 152.	198396. No. 157.
198392. No. 153.	198397. No. 158.
198393. No. 154.	

198398 to 198400. Experiment Station, Erzurum. July 1951.

198398. No. 159.
198399. No. 160.
198400. No. 161.

198401. No. 162. Near Eskishir.

198402 to 198414. BETA VULGARIS var. MACROCARPA (Guss.) Moq.

198402 to 198404. Buena Vista, Teneriffe, Canary Islands. July 12, 1951.

198402. No. 197.
198403. No. 198.
198404. No. 199.

198405 and 198406. Arucas, Gran Canaria, Canary Islands. July 14, 1951.

198405. No. 200.
198406. No. 201.

## 198344 to 198552.—Continued

## 198402 to 198414.—Continued

198407 to 198411. Santa Pola, Spain. July 16, 1951.

198407. No. 202. 198410. No. 205.

198408. No. 203. 198411. No. 206.

198409. No. 204.

198412 to 198414. Bergen op Zoom, Netherlands.

198412. No. 207.

198413. No. 208.

198414. No. 209.

198415 to 198462. BETA VULGARIS L.

Beet.

Received as *B. maritima*.

198415 to 198424. Po di Levante, Italy.

198415. No. 1. 198420. No. 6.

198416. No. 2. 198421. No. 7.

198417. No. 3. 198422. No. 8.

198418. No. 4. 198423. No. 9.

198419. No. 5. 198424. No. 10.

198425 to 198428. Lido, Italy.

198425. No. 11. 198427. No. 13.

198426. No. 12. 198428. No. 14.

198429 to 198433. Florya, Italy.

198429. No. 15. 198432. No. 18.

198430. No. 16. 198433. No. 19.

198431. No. 17.

198434 to 198438. Near airport, Istanbul, Turkey.

198434. No. 20. 198437. No. 23.

198435. No. 21. 198438. No. 24.

198436. No. 22.

198439 to 198445. King's Lynn, England.

198439. No. 25. 198443. No. 29.

198440. No. 26. 198444. No. 30.

198441. No. 27. 198445. No. 31.

198442. No. 28.

198446 and 198447. Mundsley, England.

198446. No. 32.

198447. No. 33.

198448 to 198461. Blakeney, England.

198448. No. 34. 198455. No. 41.

198449. No. 35. 198456. No. 42.

198450. No. 36. 198457. No. 43.

198451. No. 37. 198458. No. 44.

198452. No. 38. 198459. No. 45.

198453. No. 39. 198460. No. 46.

198454. No. 40. 198461. No. 47.

198462. Isla Menor, near Seville, Spain.

## 198344 to 198552.—Continued

198463 to 198471. BETA NANA Boiss. &amp; Heldr.

198463. No. 172.	198468. No. 177.
198464. No. 173.	198469. No. 178.
198465. No. 174.	198470. No. 179.
198466. No. 175.	198471. No. 180.
198467. No. 176.	

198472 to 198490. BETA PATELLARIS Moq.

198472 to 198489. Canary Islands.

198472 to 198475. Barranca, Martinez.

198472. No. 49.	198474. No. 51.
198473. No. 50.	198475. No. 52.

198476 to 198479. Buena Vista, Teneriffe.

198476. No. 53.	198478. No. 55.
198477. No. 54.	198479. No. 56.

198480 to 198482. San Felipe, Gran Canaria.

198480. No. 57.
198481. No. 58.
198482. No. 59.

198483 to 198489. Near Arucas, Gran Canaria.

198483. No. 60.	198487. No. 64.
198484. No. 61.	198488. No. 65.
198485. No. 62.	198489. No. 66.
198486. No. 63.	

198490. No. 67. Bergen op Zoom, Netherlands.

198491 to 198498. BETA PROCUMBENS Lange.

Canary Islands.

198491. No. 83.	198495. No. 87.
198492. No. 84.	198496. No. 88.
198493. No. 85.	198497. No. 89.
198494. No. 86.	198498. No. 90.

198499 to 198536. BETA TRIGYNA Waldst. &amp; Kit.

From Turkey.

198499 to 198509. Experiment Station, Erzurum.

198499. No. 91.	198505. No. 97.
198500. No. 92.	198506. No. 98.
198501. No. 93.	198507. No. 99.
198502. No. 94.	198508. No. 100.
198503. No. 95.	198509. No. 101.
198504. No. 96.	

**198344 to 198552.—Continued****198499 to 198536.—Continued****198510 to 198523. Near Erzurum.**

198510. No. 102.	198517. No. 109.
198511. No. 103.	198518. No. 110.
198512. No. 104.	198519. No. 111.
198513. No. 105.	198520. No. 112.
198514. No. 106.	198521. No. 113.
198515. No. 107.	198522. No. 114.
198516. No. 108.	198523. No. 115.

**198524 to 198531. Near Cat, Turkey.**

198524. No. 116.	198528. No. 120.
198525. No. 117.	198529. No. 121.
198526. No. 118.	198530. No. 122.
198527. No. 119.	198531. No. 123.

**198532 and 198533. Experiment Station, Erzurum.**

198532. No. 124.
198533. No. 125.

**198534 to 198536. Domulu.**

198534. No. 126.
198535. No. 127.
198536. No. 128.

**198537. BETA VULGARIS L.****Beet.**

Bergen op Zoom, Netherlands.

**198538 to 198552. BETA WEBBIANA Moq.**

Canary Islands.

**198538 to 198546. La Isleta, Gran Canaria.**

198538. No. 68.	198543. No. 73.
198539. No. 69.	198544. No. 74.
198540. No. 70.	198545. No. 75.
198541. No. 71.	198546. No. 76.
198542. No. 72.	

**198547 to 198552. San Felipe, Gran Canaria.**

198547. No. 77.	198550. No. 80.
198548. No. 78.	198551. No. 81.
198549. No. 79.	198552. No. 82.

**198553. EHRHARTA CALYCINA J. E. Smith. Poaceae.****Perennial veldtgrass.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Oct. 29, 1951.

**198554 to 198556. TRIFOLIUM spp. Fabaceae.**

From Kenya. Seeds presented by A. Bagday, Nairobi. Received Oct. 29, 1951.

**198554 to 198556.—Continued**

198554. *TRIFOLIUM SIMENSE* Fresen.

Ol Toro Orok; altitude 8,500 feet.

198555. *TRIFOLIUM SUBROTUNDUM* Steud. & Hochst.

Thomson's Falls; altitude 7,800 feet.

198556. *TRIFOLIUM TEMBENSE* Fresen.

Ol Toro Orok; altitude 7,500 feet.

**198557 to 198559.**

From India. Cuttings collected by Dr. Walter Koelz, c/o American Consul, Bombay. Received Oct. 30, 1951.

Collected Oct. 9, 1951, in Assam.

198557. *RUBUS* sp. Rosaceae.

No. 11770. Mawryngkneng, Khasi Hills. A vigorous shrub up to 3 feet high. Fruits red, flavor poor.

198558 and 198559. *SACCHARUM*. Poaceae.

Sugarcane.

198558. No. 11769. Mawryngkneng.

198559. No. 11771. Fifteen miles from Mawryngkneng.

**198560 to 198567. *QUERCUS RUBRA* L. Fagaceae.**

Red oak.

From Canada. Seeds presented by the Department of Agriculture, Fredericton, New Brunswick. Received Oct. 30, 1951.

198560. *N.B. 1 A.*

198564. *N.B. 3 A.*

198561. *N.B. 1 B.*

198565. *N.B. 3 B.*

198562. *N.B. 2 A.*

198566. *N.B. 4 A.*

198563. *N.B. 2 B.*

198567. *N.B. 4 B.*

**198568 to 198570. *HEDYSARUM CORONARIUM* L. Fabaceae. Sulla.**

From Italy. Seeds obtained through the Economic Cooperation Administration, Special Mission to Italy, Rome. Received Oct. 31, 1951.

198568. Sicily.

198569. Florence.

198570. Pisa.

**198571 to 198605.**

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Director of Agricultural Education, Pretoria, Transvaal. Received Oct. 31, 1951.

198571. *ARISTIDA CILIATA* Desf. Poaceae.

No. 30.

198572 and 198573. *ARISTIDA UNIPLUMIS* Roem. & Schult.

Gemsbuck Game Reserve, Kalahari Desert.

198572. No. 2. Open tufts.

198573. No. 3. Dense tufts.

198574. *ATRIPLEX CAPENSIS* Moq. Chenopodiaceae.

No. 14. Veld Reserve, Fauresmith. Good succulent forage plant.

198575. *ATRIPLEX MUELLERI* Benth.

No. 18. Veld Reserve, Fauresmith. Fairly good Australian species.



## 198571 to 198605.—Continued

198576. *ANDROPOGON INSCULPTUS* Hochst. Poaceae.  
No. 8. Zeerust.
198577. *CALLITRIS GLAUCA* R. Br. Pinaceae.  
No. 29.
198578. *DIGITARIA ARGYROGRAPTA* (Nees) Stapf. Poaceae.  
No. 26. Middelburg, Cape Province.
198579. *ERAGROSTIS CURVULA* (Schröd.) Nees. Poaceae.  
No. 35. Stellenbosch, Cape Province.
198580. *ERAGROSTIS CURVULA* var. *CONFERTA* Nees.  
No. 13. Veld Reserve, Fauresmith.
- 198581 and 198582. *ERAGROSTIS LEHMANNIANA* Nees.  
198581. No. 1. Gembuck Game Reserve, Kalahari Desert.  
198582. No. 9. Zeerust.
198583. *FELICIA MURICATA* Nees. Asteraceae.  
No. 33. Middelburg, Cape Province.
198584. *FELICIA* sp.  
No. 16. Veld Reserve, Fauresmith. Good fodder plant.
198585. *HERMANNIA LINEARIFOLIA* Harv. Sterculiaceae.  
No. 21. Veld Reserve, Fauresmith.
198586. *HERMANNIA PALLENS* Eckl. & Zeyh.  
No. 19. Veld Reserve, Fauresmith. Good forage plant.
198587. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.  
No. 22. Middelburg, Cape Province.
198588. *PANICUM MAXIMUM* Jacq. Poaceae. Guinea grass.  
No. 10. Zeerust, Transvaal.
- 198589 and 198590. *PANICUM STAFFIANUM* Fourc.  
Gembuck Game Reserve, Kalahari Desert.  
198589. No. 5.  
198590. No. 5a. Robust.
- 198591 and 198592. *PENNISETUM CILIARE* (L.) Link. Poaceae. Buffelgrass.  
198591. No. 4. Gembuck Game Reserve.  
198592. No. 11. Veld Reserve, Fauresmith. Said to come from Beaufort West.
198593. *PHYMASPERMUM PARVIFOLIUM* (DC.) Benth. & Hook. Asteraceae.  
No. 32. Middelburg, Cape Province. One of the best browse plants for the region.
198594. *PLINTHUS CRYPTOCARPUS* Fenzl. Aizoaceae.  
No. 6. Gembuck Game Reserve, Kalahari Desert; of medium palatability.
198595. *PTERONIA GLAUCA* Thunb. Asteraceae.  
No. 20. Veld Reserve, Fauresmith. Widespread species.
- 198596 and 198597. *SPOROBOLUS FIMBRIATUS* Nees. Poaceae.  
198596. No. 12. Veld Reserve.  
198597. No. 24. Middelburg, Cape Province.

**198571 to 198605.—Continued**

**198598.** *SPOROBOLUS USITATUS* Stent.

No. 23. Middelburg, Cape Province.

**198599.** *TEPHROSIA SPHAEROSPERMA* (DC.) Baker. Fabaceae.

No. 7. Gemsbuck Game Reserve, Kalahari Desert.

**198600 to 198602.** *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

**198600.** No. 17. Veld Reserve, Fauresmith. Valuable succulent forage plant.

**198601.** No. 17a. Veld Reserve.

**198602.** No. 27. Middelburg, Cape Province.

**198603** *TETRACHINE DREGEI* Nees. Poaceae.

No. 25. Middelburg, Cape Province.

**198604.** *TRIPTERIS LEPTOLOBA* Harv. Asteraceae.

No. 15. Veld Reserve, Fauresmith. Fairly good forage.

**198605.** *WALAFRIDA GENICULATA* Rolfe. Scrophulariaceae.

No. 33. Middelburg, Cape Province.

**198606.** *VIBURNUM SETIGERUM* f. *AURANTIACUM* Rehder.  
Caprifoliaceae.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered Nov. 1, 1951.

Originally from the Arnold Arboretum, Jamaica Plain, Mass.

**198607.** (Undetermined.)

From Costa Rica. Plants presented by the Inter-American Institute of Agricultural Sciences, Turrialba. Received Nov. 1, 1951.

**198608.** *STROPHANTHUS PREUSSII* Engl. & Pax. Apocynaceae.

From Liberia. Cutting presented by Dr. K. G. McIndoe, Firestone Plantations Company, Harbel. Received Nov. 1, 1951.

**198609.** *DIOSCOREA OCCIDENTALIS* R. Knuth. Dioscoreaceae.

From Brazil. Tubers presented by Dr. Temple Clayton, Shering Corporation, Rio de Janeiro. Received Nov. 2, 1951.

No. 50. Produces very large tubers; grows in sand near ocean.

**198610.** *CASSIA LAEVIGATA* Willd. Caesalpiniaceae.

From India. Seeds presented by the Provincial Silviculturist, Ootacamund. Received Nov. 5, 1951.

**198611.** *GALANTHUS NIVALIS* L. Amaryllidaceae.

From Turkey. Bulbs presented by Hanna Boutros, Mersin. Received Nov. 5, 1951.

**198612 and 198613.** *STROPHANTHUS* spp. Apocynaceae.

From Angola. Seeds presented by Dr. Janette E. Miller, Ebanga, Mochado. Received Nov. 5, 1951.

**198612.** *STROPHANTHUS* sp.

No. 1.

**198613.** *STROPHANTHUS* sp.

No. 2.

- 198614. QUERCUS GARRYANA Hook. Fagaceae. Oak.**  
From Canada. Seeds presented by the Department of Agriculture, Victoria, British Columbia. Received Nov. 7, 1951.  
Collected by W. G. Ziller at Beacon Hill Park. Oct. 26, 1951.
- 198615 to 198620. QUERCUS spp. Fagaceae. Oak.**  
From France. Seeds presented by the Museum d'Histoire Naturelle, Paris. Received Nov. 7, 1951.
- 198615. QUERCUS CERRIS L. European turkey oak.**
- 198616. QUERCUS COCCIFERA L. Kermes oak.**
- 198617. QUERCUS HAAS Kotschy.**
- 198618. QUERCUS ILEX L. Holly oak.**
- 198619. QUERCUS LIBANI Oliver**
- 198620. QUERCUS MACROLEPIS Kotschy**
- 198621. (Undetermined.) Phoenicaceae. Palm.**  
From Mexico. Offshoots collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 7, 1951.  
Tijuana, Baja California.
- 198622. AMMI MAJUS L. Apiaceae.**  
From Texas. Seeds presented by H. R. Reed, Sonora. Received June 30, 1950. Numbered Nov. 8, 1951.
- 198623. JUGLANS NIGRA L. Juglandaceae. Black walnut.**  
From the Union of South Africa. Seeds obtained through the American Embassy, Pretoria, Transvaal. Received Nov. 8, 1951.  
Near King Williams Town, Cape Province.
- 198624 and 198625. ORYZA SATIVA L. Poaceae. Rice.**  
From Peru. Seeds presented by the Tingo María Experiment Station, Tingo María. Received Nov. 9, 1951.
- 198624. Catetao Dourado.**
- 198625. Secano Brazil.**
- 198626. ORYZA SATIVA L. Poaceae. Rice.**  
From Cuba. Seeds presented by Frederico Poey, Havana. Received Nov. 9, 1951.  
*Zayas Bazan.*
- 198627 and 198628. QUERCUS spp. Fagaceae. Oak.**  
From California. Seeds presented by R. J. Seibert, Los Angeles State and County Arboretum, Arcadia. Received Nov. 13, 1951.
- 198627. QUERCUS AGRIFOLIA Nee.**  
Cloverleaf Canyon, Monrovia.
- 198628. QUERCUS DUMOSA Nutt.**  
Clam Shell Canyon, Monrovia.
- 198629. QUERCUS ILICIFOLIA Wangenh. Fagaceae. Oak.**  
From France. Seeds presented by the Arboretum des Barres, Nogent-sur-Vernisson, Loiret. Received Nov. 13, 1951.

**198630 to 198633. SACCHARUM. Poaceae. Sugarcane.**

From the Hawaiian Islands. Cuttings presented by the Hawaiian Sugar Planters' Association, Honolulu. Received Nov. 13, 1951.

198630. *Mol. 451.*

198632. *Mol. 914.*

198631. *Mol. 894.*

198633. *Mol. 976.*

**198634. SACCHARUM. Poaceae. Sugarcane.**

From Australia. Cuttings presented by the Colonial Sugar Refining Company, Ltd., Sydney, New South Wales. Received Nov. 14, 1951.

*Ragnar.*

**198635 to 198638.**

From Spain. Seeds presented by the Estación Experimental de Aula Dei, Zaragoza. Received Nov. 14, 1951.

198635 to 198637. *CAPSICUM FRUTESCENS L.* Solanaceae. **Redpepper.**

198635. *Agridulce.* (Sweet.)

198636. *Dulce.* (Sweet.)

198637. *Picante.* (Sweet.)

198638. *CUCUMIS MELO L.* Cucurbitaceae. **Muskmelon.**

*Bronceado.*

**198639 and 198640. QUERCUS spp. Fagaceae. Oak.**

From Scotland. Seeds presented by the Royal Botanic Garden, Edinburgh. Received Nov. 15, 1951.

198639. *QUERCUS CERRIS L.*

**European turkey oak.**

198640. *QUERCUS ROBUR L.*

**English oak.**

Received as *Q. pedunculata*, a synonym.

**198641. ZEA MAYS L. Poaceae. Corn.**

From Ohio. Seeds presented by Cephas Atkinson, Farmers National Bank, Plain City. Received Nov. 16, 1951.

*Atkinson.* (Sweet corn.)

**198642 to 198644. FRAGARIA. Rosaceae. Strawberry.**

From Canada. Plants presented by the Central Experimental Farm, Ottawa. Received Nov. 16, 1951.

198642. *Perle de Prague.*

198643. *43-07-29.*

198644. *43-07-21.*

**198645. DIOSCOREA sp. Dioscoreaceae.**

From Costa Rica. Tubers presented by J. R. Hunter, San José. Received Nov. 19, 1951.

**198646 to 198657. ALLIUM spp. Liliaceae.**

From Canada. Plants presented by Skinner's Nursery, Ltd., Dropmore, Manitoba. Received Nov. 20, 1951.

198646. *ALLIUM ALBOPILOSUM* C. H. Wright.

198647. *ALLIUM BEESIANUM* W. W. Smith.

198648. *ALLIUM CAERULEUM* Pall.

198649. *ALLIUM FLAVUM L.*

**198646 to 198657.—Continued**

198650. *ALLIUM FLAVUM* var. *PULCHELLUM* (Don) Regel.

198651. *ALLIUM KANSUENSE* Regel.

198652. *ALLIUM MOLY* L.

198653. *ALLIUM NUTANS* L.

198654. *ALLIUM ODORUM* L.

198655. *ALLIUM OSTROWSKIANUM* Regel.

198656. *ALLIUM TATARICUM* L.f.

198657. *ALLIUM ZEBDANENSE* Boiss. & Noe.

**198658. FRAGARIA. Rosaceae.****Strawberry.**

From France. Plants presented by Vilmorin-Andrieux & Co., Paris. Received Nov. 20, 1951.

*Simmen.*

**198659 and 198660.**

From Kenya. Seeds presented by S. F. Rawlins, Hoey's Bridge. Received Nov. 21, 1951.

198659. *ARGYROLOBIUM* sp. Fabaceae.

198660. *GLYCINE JAVANICA* L. Fabaceae.

**198661 to 198663. MEDICAGO TRIBULOIDES Desr. Fabaceae.**

From Australia. Seeds presented by Dr. William Hartley, Division of Plant Industry, Department of Agriculture, Canberra, A. C. T. Received Nov. 21, 1951.

198661. C.P.I. 12636.

198662. V-29.

198663. V-35.

**198664 to 198671. DIOSCOREA spp. Dioscoreaceae.**

From Brazil. Tubers presented by Dr. Temple Clayton, Shering Corporation, Rio de Janeiro. Received Nov. 23, 1951.

198664. *DIOSCOREA* sp.

No. 3. D.N.L.

198665. *DIOSCOREA* sp.

No. 6. D.N.L.

198666. *DIOSCOREA* sp.

No. 13. D.N.L.

198667 to 198669. *DIOSCOREA ALATA* L.

198667. No. 28. D.N.L.

198668. No. 30. D.N.L.

198669. No. 46. D.N.L.

198670. *DIOSCOREA* sp.

No. 47. D.N.L.

198671. *DIOSCOREA ALATA* L.

No. 80. D.N.L.

**198672 to 198674.**

From Maryland. Seeds stored at the United States Plant Introduction Garden, Glenn Dale. Numbered Nov. 26, 1951.

**198672.** CUCURBITA MAXIMA Duchesne. Cucurbitaceae. **Squash.**

*Balkabaghi.* A selection from P.I. 165001, originally collected in Turkey.

**198673.** HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From market, Chunchon, Kangwon-do, Korea, through the Agricultural Experiment Station, Durham, N. H.

**198674.** LYCOPERSICON PIMPINELLIFOLIUM (Jusl.) Mill. Solanaceae.

Strain 907-W. Originally collected in Mexico by Dr. M. C. Richards, and taken from plants raised at the Agricultural Experiment Station, Durham, N. H.

**198675 to 198680.** BETA VULGARIS L. Chenopodiaceae. **Beet.**

From Italy. Seeds presented by the Stazione Sperimentale de Bieticoltura, Rovigo. Received Nov. 26, 1951.

**198675.** No. 1. **198678.** No. 19.

**198676.** No. 9. **198679.** No. 20.

**198677.** No. 18. **198680.** No. 21.

**198681 to 198683.** QUERCUS spp. Fagaceae. **Oak.**

From Denmark. Seeds presented by the Botanic Garden, Copenhagen. Received Nov. 27, 1951.

**198681.** QUERCUS CERRIS  $\times$  CASTANAEFOLIA.

**198682.** QUERCUS FARNETTO Tenore.

**198683.** QUERCUS CASTANAEFOLIA C. A. Mey.

**198684.** STROPHANTHUS sp. Apocynaceae.

From the Belgian Congo. Seeds presented by V. Becquart, Elisabethville. Received Nov. 28, 1951.

**198685 to 198721.** AGAVE spp. Amaryllidaceae.

From California. Plants growing at the Huntington Gardens, San Marino. Numbered Nov. 29, 1951.

A collection assembled by H. S. Gentry from Baja California, Mexico, between April and October 1951.

**198685 and 198686.** AGAVE NELSONII Trel.

**198685.** No. 10374. San Fernando.

**198686.** No. 11155. San Fernando.

**198687.** AGAVE GOLDMANIANA Trel.

No. 11183. Socorro.

**198688.** AGAVE sp.

No. 11186. Catavina.

**198689 and 198690.** AGAVE CERULATA Trel.

**198689.** No. 11188. Laguna Seca Chapala.

**198690.** No. 11189. Laguna Seca Chapala.

**198691.** AGAVE GOLDMANIANA Trel.

No. 11191. Rancho Mesquital.

**198692.** AGAVE sp.

No. 11198. La Paz.

## 198685 to 198721.—Continued

198693. AGAVE DATYLIO Weber.

No. 11200. La Paz.

198694 and 198695. AGAVE PROMONTORI Trel.

198694. No. 11218. Sierra Laguna. Altitude 6,000 ft.

198695. No. 11229. Sierra Laguna. Altitude 2,500 ft.

198696. AGAVE sp.

No. 11231. Sierra Laguna, eastern foothills.

198697. AGAVE PROMONTORI Trel.

No. 11234. Sierra Laguna, western foothills.

198698. AGAVE sp.

No. 11247. Cabo San Lucas.

198699. AGAVE sp.

No. 11250. Cabo San Lucas.

198700. AGAVE sp.

No. 11253. San José del Cabo.

198701. AGAVE sp.

No. 11255. Las Cuevas.

198702. AGAVE sp.

No. 11257. Punta Frailes.

198703. AGAVE sp.

No. 11260. Punta Frailes.

198704. AGAVE sp.

No. 11261. Punta Frailes.

198705. AGAVE sp.

No. 11262. Punta Frailes.

198706. AGAVE sp.

No. 11264. Punta Frailes.

198707. AGAVE SISALANA Perrine.

No. 11270. El Triunfo.

198708. AGAVE sp.

No. 11268. El Triunfo.

198709 to 198711. AGAVE ROSEANA Trel.

198709. No. 11274. Islota Gallo.

198710. No. 11277. Espiritu Santo Island.

198711. No. 11280. Islota Gallina.

198712. AGAVE DATYLIO Weber.

No. 11281. La Paz.

198713. AGAVE AUREA Brandegees.

No. 11283. La Paz.

198714. AGAVE SOBRIA Brandegees.

No. 11291. Comondú.

198715. AGAVE VEXANS Trel.

No. 11292. Comondú.

**198685 to 198721.—Continued**

198716. AGAVE AUREA Brandegee.

No. 11299. Comondú.

198717. AGAVE sp.

No. 11301. Canipole.

198718. AGAVE SOBRIA Brandegee.

No. 11303. Canipole.

198719. AGAVE GOLDMANIANA Trel.

No. 11320. Punta Prieta.

198720 and 198721. AGAVE CERULATA Trel.

198720. No. 11321. Laguna Seca Chapala.

198721. No. 11327. Between Laguna Seca Chapala and Jaraguay.

**198722 to 198730. GOSSYPIUM. Malvaceae.****Cotton.**

From Brazil. Seeds presented by the Instituto Agronómico, Campinas, São Paulo. Received Nov. 30, 1951.

198722. *D P 11 A 49/5.*198727. *D P 11 A 49/38.*198723. *D P 11 A 49/17.*198728. *1 A 7470 49/64.*198724. *D P 11 A 49/19.*198729. *Mexican 49/66.*198725. *D P 11 A 49/21.*198730. *Mexican 49/67.*198726. *1 A 21077 49/25.***198731. QUERCUS WISLIZENII DC. Fagaceae.**

From California. Seeds obtained through Willis W. Waggner, Bureau of Plant Industry, Soils, and Agricultural Engineering, San Francisco. Received Dec. 3, 1951.

**198732. CENTAUREA sp. Asteraceae.**

From Japan. Seeds presented by Miss Lillie M. Nicholson, Oakland, Calif. Received Dec. 3, 1951.

*Peace Flower.***198733. LACTUCA SATIVA L. Cichoriaceae.****Lettuce.**

From Israel. Seeds presented by Yehuda Lowe, Agricultural Attaché, Embassy of Israel, Washington, D. C. Received Dec. 3, 1951.

*Joy of the Village.***198734 to 198741.**

From Afghanistan. Seeds presented by T. A. Pasto, Tallahassee, Fla. Received Dec. 3, 1951.

From Ghazi, south of Kabul toward Kandahar. Altitude 8,000 ft.

198734. HORDEUM VULGARE L. Poaceae.

Common barley.

198735. PISUM SATIVUM L. Fabaceae.

Pea.

198736. SECALE CEREALE L. Poaceae.

Rye.

198737. TRIFOLIUM RESUPINATUM L. Fabaceae.

Persian clover.

198738 to 198740. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

198738. No. 3.

198739. No. 1.

198740. No. 2.

198741. ZEA MAYS L. Poaceae.

Corn.



**198742. STACHYS SIEBOLDII** Miq. **Menthaceae.** **Chorogi.**

From Japan. Tubers presented by Hokkaido University, Sapporo, Hokkaido.  
Received Dec. 5, 1951.

**198743 to 198747. SACCHARUM.** **Poaceae.** **Sugarcane.**

From Formosa. Cuttings presented by the Sugar Research Institute, Pingtung. Received Dec. 6, 1951.

198743. *P. T. 43-52.*

198746. *P. T. 47-1079N.*

198744. *P. T. 46-127.*

198747. *P. T. 47-11302.*

198745. *P. T. 47?*

**198748 to 198760. BETA** spp. **Chenopodiaceae.**

From Europe and Egypt. Seeds presented by the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 7, 1951.

Collected by G. H. Coons, of the above Division, during the years 1946 to 1951.

198748. *BETA TRIGYNA* Waldst. & Kit.

Jardin Botanique Molotof, Yalta, Soviet Union.

198749 to 198760. *BETA VULGARIS* L.

**Beet.**

198749. Fouad I Museum Herbarium, 198755. Sarzeau, France.  
Cairo, Egypt.

198756. Petri, Vendée, France.

198750. Kalundborg, Denmark.

198757. Algneirão, Portugal.

198751. Sacavém, Portugal.

198758. Coimbra, Portugal.

198752. Blakeney Harbour,  
Norfolk, England.

198759. Le Pouliguen, France.

198753. Brevin Les Pins, France.

198760. Étapes, France.

198754. Ostende, Belgium.

**198761. LACTUCA SERRIOLA** L. **Cichoriaceae.**

From Turkey. Seeds presented by the Ankara Station for Seed Improvement, Ankara. Received Dec. 7, 1951.

**198762 to 198764. NICOTIANA TABACUM** L. **Solanaceae.** **Tobacco.**

From India. Seeds presented by the Central Tobacco Research Institute, Rajahmundry. Received Dec. 10, 1951.

198762. *Dindigul Cheroot.*

198763. *Lanka.*

198764. *Natu.*

**198765. JUGLANS MOLLIS** Engelm. **Juglandaceae.**

From Guatemala. Seeds presented by W. H. Cowgill, Alta Verapaz. Received Dec. 10, 1951.

**198766. SOLANUM TUBEROSUM** L. **Solanaceae.** **Potato.**

From the Netherlands. Tubers presented by J. J. Grullemans and Sons, Lisse. Received Dec. 11, 1951.

*Eigenheimer.*

**198767. MEDICAGO TRIBULOIDES** Desr. **Fabaceae.**

From Australia. Seeds presented by A. Hannaford and Son, Ltd., Woodville, South Australia. Received Dec. 12, 1951.

**198768 to 198774. ZEA MAYS L. Poaceae.****Corn.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Dec. 12, 1951.

A collection of inbred lines.

198768. *M* 16.

198772. 23.

198769. *KE* 1.

198773. *Y*1.

198770. 25.

198774. *FF* 12.

198771. 21.

**198775 and 198776. DACTYLIS GLOMERATA L. Poaceae.****Orchard grass.**

From Israel. Seeds obtained by A. T. Semple, Food and Agriculture Organization, United Nations, New York, N. Y. Received Dec. 12, 1951.

198775. Cooperative Farm, Matzuba.

198776. Near Village of Kabiri.

**198777 to 198841.**

From California. Plants growing at the Huntington Gardens, San Marino. Numbered Dec. 13, 1951.

Collected between 1950 and 1951 in Mexico and the southwestern United States by H. S. Gentry and E. C. Ogden, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

198777. *AGAVE NEOMEXICANA* Woot. & Standl. Amaryllidaceae.

No. 9885. Davis Mountains, Tex.

198778. *AGAVE GRACILIPES* Trel.

No. 9901. Guadalupe Mountains, Tex.

198779. *AGAVE PALMERI* Engelm.

No. 9915. Pyramid Mountains, about 7 miles south of Lordsburg, N. Mex.

198780 to 198789. From Arizona.

198780. *AGAVE HUACHUCENSIS* Baker.

No. 9920. About 3 miles west of Sonoita.

198781. *AGAVE DESERTI* Engelm.

No. 9947. Harquahala Mountains.

198782. *AGAVE* sp.

No. 9961. Near Oatman.

198783. *AGAVE UTAHENSIS* Engelm.

No. 9967. Thirty-two miles east of Kingman.

198784. *AGAVE PARRYI* var. *COUESII* (Engelm.) Kearns. & Peebles.

No. 9972. Eleven miles south of Ash Fork.

198785. *AGAVE MURPHEYI* Gibson.

No. 9978. Boyce-Thompson Southwest Arboretum, Superior.

198786. *AGAVE TOUMEYANA* Trel.

No. 9982. Limestone Mountain, 1 mile east of Superior.

198787. *AGAVE CHRYSANTHA* Peebles.

No. 9984. One mile east of Superior.

198788. *AGAVE PARRYI* Engelm.

No. 9987. About 5 miles south of Seneca.

198789. *AGAVE*.

No. 9991. *A. chrysantha* × *parryi*. Sixteen miles northeast of Globe.

## 198777 to 198841.—Continued

198790. AGAVE SCHOTTII Engelm.

No. 10014. South end of Peloncillo Mountains, N. Mex.

198791. AGAVE TOUMEYANA Trel.

No. 10033. Twenty-two miles north of Winkelman, Ariz.

198792 to 198799. From California.

198792. AGAVE sp.

No. 10034. Three to four miles south of Palm Desert, Station Rose Mountain.

198793 to 198799. AGAVE DESERTI Engelm.

198793 to 198797. One mile east of Pinyon Flats, Santa Rosa Mountains.

198793. No. 10051.

198796. No. 10055a.

198794. No. 10054.

198797. No. 10057.

198795. No. 10055.

198798. No. 10041. Yaqui Wells on the San Felipe Arroyo.

198799. No. 10198. Mitchel's Caverns, Providence Mountains.

198800 to 198841. From Mexico.

198800 to 198806. From Sonora.

198800. AGAVE sp.

No. 10204. *Pelon.* Sierra del Viejo.

198801. AGAVE sp.

No. 10208. Sierra del Viejo.

198802. AGAVE YAQUIANA Trel.

No. 10212. Four miles north of Rancho Tinaja, Altar District.

198803. AGAVE SCHOTTII Engelm.

No. 10211. Five and one-half miles east of Datil.

198804. AGAVE sp.

No. 10219. North end of Sierra Coloral.

198805. AGAVE sp.

No. 10220. Pass below Rancho Coyote, near Desemboque.

198806. AGAVE sp.

No. 10223. Cerro Punta Tepopa.

198807. AGAVE MAYOENSIS Gentry.

No. 10245. Sierra Charuco, Chihuahua.

198808. AGAVE sp.

No. 10254. Western rim of Arroyo Honda, Sierra Charuco, Sonora.

198809. AGAVE YAQUIANA Trel.

No. 10258. San Bernardo, near Álamos, Sonora.

198810. AGAVE PALMERI Engelm.

No. 10277. Sierra del Pajarito, about 12 miles east of Ures, Sonora.

198811 to 198824. From Baja California.

198811. AGAVE PRINGLEI Engelm.

No. 10287. North end of Sierra San Pedro Martin.

## 198777 to 198841.—Continued

## 198800 to 198841.—Continued

## 198811 to 198824.—Continued

198812. AGAVE VEXANS Trel.

No. 10302. Rancho Panales, Arroyo Purísima.

198813. AGAVE sp.

No. 10304. *Oregon*. Arroyo Purísima above Purísima.

198814. AGAVE SOBRIA Brandegees.

No. 10308. Arroyo Purísima above Purísima.

198815. AGAVE CERULATA Trel.

No. 10330. San Ignacio.

198816. AGAVE sp.

No. 10327. Western foothills of Sierra Giganta.

198817. AGAVE CERULATA Trel.

No. 10346. Calnali.

198818 and 198819. AGAVE GOLDMANIANA Trel.

198818. No. 10349. Near Marmolito.

198819. No. 10355. About 7 miles south of Tinaja Yubai.

198820. AGAVE sp.

No. 10359. About 7 miles south of Tinaja Yubai.

198821. AGAVE GOLDMANIANA Trel.

No. 10367. About 7 miles west of Tinaja Yubai.

198822 and 198823. AGAVE NELSONII Trel.

198822. No. 10375. North of San Fernando.

198823. No. 10376. Eighteen miles east of Rosario.

198824. AGAVE GOLDMANIANA Trel.

No. 10379. Six miles north of Socorro.

198825. AGAVE ASPERRIMA Jacobi.

South slope of Zarca Mesa, Rio Nazas basin, Durango.

198826. AGAVE sp.

No. 10399. Kilometer 183, Mexican Highway 45, Querétaro.

198827. AGAVE sp.

No. 10390. Vicinity of Pachuca, Hidalgo.

198828. AGAVE sp.

No. 10423. Acultzingo, Veracruz.

198829. AGAVE sp.

No. 10426. *Pichomel*. About 20 miles northwest of Tehuacán, Puebla.

198830 to 198834. From Michoacán.

198830. AGAVE sp.

No. 10427. Six to ten miles west of Mil Cumbres on road to Morelia.

198831. AGAVE ATTENUATA Salm-Dyck.

No. 10430. West of Mil Cumbres on road to Morelia.

198832. AGAVE sp.

No. 10431. Between Quiroga and Pátzcuaro.

**198777 to 198841.—Continued****198800 to 198841.—Continued****198830 to 198834.—Continued****198833. AGAVE sp.**

No. 10448. Cañon del Marques between Uruapan and Apatzingán.

**198834. AGAVE sp.**

No. 10459. Twenty-three km. south of Carapan on road to Uruapan.

**198835 to 198839. From Jalisco.****198835. AGAVE sp.**

No. 10464. Tierra Blanca, between Villa Corona and Tecolotlán.

**198836 to 198838. AGAVE TEQUILANA Weber.**

From Tequila.

**198836. No. 10469.****198837. No. 10470.****198838. No. 10471.****198839. AGAVE sp.**

No. 10476. Plan de Barrancas.

**198840. AGAVE COLORATA Gentry.**

No. 3050. Aquibiquichi, Sonora.

**198841. MANFREDA sp. Amaryllidaceae.**

No. 10458. Cañon del Marques, between Uruapan and Apatzingán, Michoacán, Mexico.

**198842. DANTHONIA sp. Poaceae.**

From Spain. Seeds presented by the Granja Experimental Reproductora de Plantas Especiales, Villamanta, Madrid. Received Dec. 14, 1951.

**198843 to 198845. CARTHAMUS TINCTORIUS L. Asteraceae.****Safflower.**

From France. Seeds presented by the National School of Agriculture, Montpellier, Hérault. Received Dec. 17, 1951.

**198843. Bold.****198844. Inerme Jaune.****198845. Inerme Rouge.****198846 to 198850.**

From Chile. Seeds presented by Carlos Junge, Jardin Zoológico, Concepción. Received Dec. 17, 1951.

**198846. ESCALLONIA PULVERULENTA (Ruiz & Pav.) Pers. Escalloniaceae.****198847. LIBERTIA CAERULESCENS Kunth. Iridaceae.****198848. LINUM CHAMISSONIS Schiede. Linaceae.****198849. PODANTHUS OVATIFOLIUS Lagasca. Asteraceae.****198850. SOPHORA MACROCARPA J. E. Sm. Fabaceae.****198851 to 198884.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Dec. 19, 1951.

Origin given when known.

## 198851 to 198884.—Continued

198851 to 198853. Received through E. A. Menninger, Stuart, Fla.

198851. *ACACIA NILOTICA* (L.) Willd. Mimosaceae.

Tropical Africa.

198852. *AGATHIS AUSTRALIS* (Lamb.) Steud. Pinaceae.

Northland, New Zealand.

198853. *ALBIZZIA LONGEPEDATA* Britt. & Rose. Mimosaceae.

Honduras.

198854. *ANTHOCEPHALUS CADAMBA* (Roxb.) Miq. Rubiaceae.

India.

198855. *CASSIA LAEVIGATA* Willd. Caesalpiniaceae.

The Jardin d'Essai du Hamma, Algeria.

198856. *CASSIA NICARAGUENSIS* Benth.

Adelaide, South Australia, through E. A. Menninger.

198857. *CEPHAELIS IPECACUANHA* (Brot.) Rich. Rubiaceae.

198858. *COCHLOSPERMUM GILLIVRAEI* Benth. Cochlospermaceae.

Adel's Grove Botanic Gardens, Camooweal, Queensland, Australia.

198859. *CYPHOMANDRA* sp. Solanaceae.

198860. *DAIS COTINIFOLIA* L. Thymelaeaceae.

National Botanic Gardens, Kirstenbosch, Union of South Africa.

198861. *DOMBEYA GOETZENII* K. Schum. Sterculiaceae.

Forest Department, Kenya.

198862. *EUCALYPTUS LEHMANNII* (Schauer) Preiss. Myrtaceae.

From Western Australia.

198863. *HETEROPHRAGMA ADENOPHYLLUM* (DC.) Seem. Bignoniaceae.

Tropical Africa, through E. A. Menninger.

198864. *HIBISCUS* sp. Malvaceae.

198865. *HOVENIA DULCIS* Thunb. Rhamnaceae.

The Jardin d'Essai du Hamma, Algeria.

198866. *JASMINUM ANGUSTIFOLIUM* Vahl. Oleaceae.

India, through E. A. Menninger.

198867. *LABOURDONNAISEA ALBESCENS* (Griseb.) Benth. Sapotaceae.

The Atkins Garden and Research Laboratory, Cienfuegos, Cuba.

198868 to 198871. Received through E. A. Menninger, Stuart, Fla.

198868. *LUEHEA CANDIDA* (DC.) Mart. Tiliaceae.

Honduras.

198869. *LUEHEA SPECIOSA* Willd.

Honduras.

198870. *MELASTOMA SANGUINEUM* Sims. Melastomaceae.

Hong Kong, China.

198871. *MELASTOMA SEPTEMNERVIUM* Lour.

Hong Kong, China.

198872. *MILLETTIA AURICULATA* Baker. Fabaceae.

Forest Research Institute, Dehra Dun, India.

## 198851 to 198884.—Continued

198873. *OUGEINIA DALBERGIOIDES* Benth. Fabaceae.  
Forest Research Institute, Dehra Dun, India.
198874. *PARKIA SPECIOSA* Hassk. Fabaceae.  
Botanic Gardens, Bogor, Dyawa, Indonesia.
198875. *PSEUDOPHOENIX VINIFERA* Becc. *Phoenicaceae.* *Palm.*  
Haiti.
198876. *PSIDIUM FRIEDRICHSTHALIANUM* (Berg.) Ndzu. *Myrtaceae.*  
E. L. Campbell, Miami, Fla.
198877. *PTEROCARPUS SANTALINUS* L.f. Fabaceae.  
India, through E. A. Menninger.
- 198878 and 198879. From Funchal, Madeira, through E. A. Menninger.
198878. *SCHOTIA* sp. Fabaceae.
198879. *SCHOTIA* sp.
198880. *SOPHORA TETRAPTERA* J. Miller. Fabaceae.  
Chile.
198881. *STRYCHNOS NUX-VOMICA* L. *Loganiaceae.*  
Cuddapah, India, through E. A. Menninger.
198882. *TABEBUIA CHRYSANTHA* (Jacq.) Nicholson. *Bignoniaceae.*  
Venezuela, through Hugh Curran.
198883. *TABEBUIA DONNELL-SMITHII* Rose.  
Honduras, through E. A. Menninger.
198884. (Undetermined.)  
A tropical American tree with showy, tubular, blue or violet flowers.
198885. *SORGHUM VULGARE* Pers. *Poaceae.*  
From Australia. Seeds presented by the Gippsland & Northern Co-operative Company, Ltd., Melbourne, Victoria. Received Dec. 19, 1951.  
*Sweet Saccaline.*
198886. *TRIFOLIUM REPENS* L. Fabaceae. *White clover.*  
From Denmark. Seeds presented by the Cooperative Seed Growing Association, Taastrup. Received Feb. 25, 1952.  
*Morsø Øtofte.*
198887. *STROPHANTHUS* sp. *Apocynaceae.*  
From New York. Seed presented by J. Monachino, New York Botanical Garden, Bronx Park, N. Y. Received Dec. 21, 1951.  
*M.P.D. 50.*
- 198888 to 198906. *ZEA MAYS* L. *Poaceae.* *Corn.*  
From Iowa. Seeds planted at the Regional Plant Introduction Station, Ames. Numbered Dec. 27, 1951.  
Inbred lines obtained originally from South America by N. P. Neal, Agricultural Experiment Station, Madison, Wis.
- |                      |                       |
|----------------------|-----------------------|
| 198888. 4F-35 BK.    | 198891. 4F-216 BT 15. |
| 198889. 4F-182 BS11. | 198892. 4F-234 BX 4.  |
| 198890. 4F-203 AM6.  | 198893. 4F-240 BX 16. |

**198888 to 198906.—Continued**

- |                       |                       |
|-----------------------|-----------------------|
| 198894. 4F-259 HQ.    | 198901. 4F-342 CM 4.  |
| 198895. 4F-285 TX 15. | 198902. 4F-345 CN 12. |
| 198896. 4F-300 AD 3.  | 198903. 4F-350 CN 2.  |
| 198897. 4F-306 108.   | 198903. 4F-350 CN 2.  |
| 198898. 4F-316 CB 19. | 198904. 4F-353 CN 33. |
| 198899. 4F-321 CE 22. | 198905. 4F-374 GE 3.  |
| 198900. 4F-332 LJ 2F. | 198906. 4F-403 JV 15. |

**198907 and 198908.**

From Italy. Seeds presented by the University of Florence, Florence. Received Dec. 28, 1951.

198907. ERAGROSTIS CYLINDRICA (Roxb.) Nees. Poaceae.

198908. AVENA SATIVA L. Poaceae.

Oats.

**198909. CASUARINA EQUISETIFOLIA Stickm. Casuarinaceae.**

From California. Seeds presented by N. H. Fritz, J. G. White Engineering Corporation, San Francisco. Received Dec. 29, 1951.

**198910 to 198914.**

From Brazil. Seeds presented by M. L. Owen, Aquidauana, Mato Grosso. Received Dec. 29, 1951.

198910. DACTYLOCTENIUM AEGYPTIUM (L.) Richter. Poaceae.

No. 20.

198911. DIGITARIA sp. Poaceae.

No. 27.

198912. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray. Solanaceae.

No. 25.

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     spp., 193374, 197972.  
*Zantedeschia aethiopica*, 194063, 194125, 194220, 194383.  
*Zea mays*, 193423–193438, 193652–193658, 193901–193908, 194047, 194048, 194384–194390, 194591–194608, 194791, 195112–195119, 195233–195246, 195422–195470, 195524, 195525, 195741, 195756, 195757, 195817–195821, 196125–196131, 196303, 196304, 196384–196411, 196414, 196427, 196473–196475, 196543–196574, 196917, 196939, 196940, 197061, 197062, 197094, 197095, 197176, 197261, 197502, 197503, 197698–197700, 197740, 197953, 197954, 197973, 198042–198059, 198641, 198741, 198768–198774, 198888–198906.  
*Zephyranthes carinata*, 196580.  
     sp., 197262.  
 Zephyrlily. See *Zephyranthes carinata*.  
*Zingiber officinale*, 193670, 193671, 194126, 194540, 196262.  
*Ziziphus* sp., 194049.  
*Zoysia japonica*, 193380, 193381, 197070.  
     *tenuifolia*, 197786, 197892.





# *Plant Inventory No. 160*

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., September 1957



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## PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1952 (NOS. 198915 TO 204340)

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This inventory, No. 160, lists the plant material (Nos. 198915 to 204340) received by the Plant Introduction Section, Crops Research Division, Agricultural Research Service, during the period from January 1 to December 31, 1952. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution. This unit prior to 1954 was known as the Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

PAUL G. RUSSELL,  
*Botanist.*

*Plant Industry Station,  
Beltsville, Md.*



## INVENTORY

### 198915 to 198919. *ORYZA SATIVA* L. Poaceae. Rice.

From Brazil. Seeds presented by the Departamento da Produção, Campinas, São Paulo. Received Jan. 3, 1942.

198915. *IAC-1*.

198918. *Dourado Agulha*.

198916. *IAC-3*.

198919. *Ignape Agulha*.

198917. *IAC-7*.

### 198920. *TRIFOLIUM REPENS* L. Fabaceae. White clover.

From England. Seeds presented by the Ministry of Agriculture and Fisheries, London. Received Jan. 4, 1952.

*Certified Kersey*. Originally from Witlesham, Suffolk. A vigorous, productive strain.

### 198921 and 198922. *SACCHARUM*. Poaceae. Sugarcane.

From the Canal Zone. Seeds presented by Jack L. Bean, Pedro Miguel. Received Jan. 4, 1952.

198921. *1-51*

198922. *2-51*.

### 198923 to 198926.

From the Union of South Africa. Seeds presented by Mildred Wilman, Kimberley, Cape Province. Received Jan. 4, 1952.

198923. *ENNEAPOGON* sp. Poaceae.

198924. *ENNEAPOGON* sp.

198925. *ERAGROSTIS TEF* (Zucc.) Trotter. Poaceae. Teff.

198926. *ERAGROSTIS* sp.

### 198927. *DIOSCOREA* sp. Dioscoreaceae.

From Guam. Tuber obtained through the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture. Received Jan. 4, 1952.

### 198928. *STROPHANTHUS* sp. Apocynaceae.

From New York. Seeds presented by J. Monachino, New York Botanical Garden, Bronx Park. Received Jan. 5, 1952.

Originally from Angola.

### 198929. *GALEGA OFFICINALIS* L. Fabaceae. Common goatsrue.

From Italy. Seeds presented by Ernesto Pine, Società Anonima, Bologna. Received Jan. 5, 1952.

### 198930 to 198937. *STROPHANTHUS* spp. Apocynaceae.

From Africa. Seeds presented by J. Monachino, New York Botanical Garden, Bronx, New York. Received Jan. 7, 1952.

Material was originally received from Angola, unless otherwise noted.

198930. *STROPHANTHUS AMBOENSIS* (Schinz) Engl. & Pax.

Spitskuppen, South-West Africa.

198931. *STROPHANTHUS GOSSWEILERI* H. Hess.

Vila Arriaga.

**198930 to 198937—Continued**198932. *STROPHANTHUS HIRSUTUS* H. Hess.

Quilengues.

198933. *STROPHANTHUS INTERMEDIUS* Pax.

Vila Mariano Machado.

198934. *STROPHANTHUS PAXII* H. Hess.

Vila Mariano Machado.

198935 and 198936. *STROPHANTHUS SCHUCHARDTII* Pax.

198935. No. 1. Palanca Humpata.

198936. No. 2. Palanca Humpata.

198937. *STROPHANTHUS*.*Strophanthus schuchardtii*  $\times$  *gossweileri*.**198938 and 198939. LACTUCA spp. Cichoriaceae.**

From Turkey. Seeds presented by Dr. Baki Kasapligil, University of Ankara, Ankara. Received Jan. 7, 1952.

198938. *LACTUCA SERRIOLA* L.198939. *LACTUCA* sp.**198940 and 198941.**

From Dutch Guiana. Seeds collected by A. T. Semple, Food and Agriculture Organization, United Nations, Rome, Italy. Received Jan. 7, 1952.

198940. *CASSIA* sp. Caesalpiniaceae.198941. *PANICUM* sp. Poaceae.**198942 and 198943. CASTANEA SATIVA Mill. Fagaceae.****European chestnut.**

From Denmark. Seeds presented by Count F. M. Knuth, Knutherborg. Received Jan. 8, 1952.

198942. (No data.)

198943. 110  $\times$  003.**198944 to 198946.**

From Italy. Seeds presented by Fratelli Borromeo, Milan. Received Jan. 1, 1952.

198944. *QUERCUS CASTANEA-FOLIA* C. A. Meyer. Fagaceae.**Oak.**198945. *LITHOCARPUS GLABRA* (Thunb.) Rehd. Fagaceae.198946. *QUERCUS ILEX* L. Fagaceae.**Holly oak.****198947 to 198951.**

From Formosa. Seeds presented by N. H. Fritz, J. G. White Engineering Corporation, Taipeh. Received Jan. 1, 1952.

198947. *CASTANOPSIS KAWAKAMII* Hayata. Fagaceae.198948. *LITHOCARPUS BREVICAUDATA* (Skan) Hayata. Fagaceae.198949. *QUERCUS GILVA* Blume. Fagaceae.**Oak.**198950 and 198951. *QUERCUS LONGINUX* Hayata.

198950. No. 1.

198951. No. 2.

**198952 to 198956. QUERCUS spp. Fagaceae. Oak.**

From Italy. Seeds presented by the Botanic Garden of the University of Naples, Naples. Received Jan. 10, 1952.

198952. *QUERCUS BRUTIA* Tenore.

198953. *QUERCUS THOMASII* Tenore.

198954. *QUERCUS CERRIS* L.

198955. *QUERCUS SUBER* L.

Cork oak.

198956. *QUERCUS ILEX* L.

Holly oak.

**198957 to 198968.**

From Cyprus. Seeds obtained by A. B. Cashmore, Food and Agriculture Organization of the United Nations, Nicosia. Received Jan. 10, 1952.

198957. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

Famagusta District.

198958. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

Limassol District.

198959. *MEDICAGO CILIARIS* (L.) All. Fabaceae.

Famagusta District.

198960. *MEDICAGO HISPIDA* Gaertn.

Burclover.

Famagusta District.

198961. *MEDICAGO LUPULINA* L.

Black medic.

Limassol District.

198962 and 198963. *MEDICAGO SATIVA* L.

Alfalfa.

198962. No. 1.

198963. No. 2.

198964. *MEDICAGO* sp.

Limassol District.

198965. *MELILOTUS ALBA* Desf. Fabaceae.

White sweetclover.

Nicosia.

198966. *MELILOTUS MESSANENSIS* (L.) All.

Sweetclover.

Famagusta District.

198967. *ORYZOPSIS HOLCIFORMIS* (Bieb.) Hack. Poaceae.

Kyrenia Range.

198968. *TRIFOLIUM FRAGIFERUM* L. Fabaceae.

Strawberry clover.

Nicosia District.

**198969. ASPARAGUS FALCATUS L. Convallariaceae.**

From Australia. Seeds presented by T. R. N. Lothian, Botanic Garden, Adelaide, South Australia. Received Jan. 11, 1952.

**198970. SOLANUM. Solanaceae.**

From Chile. Tubers presented by the Chilean Embassy, Washington, D. C. Received Jan. 11, 1952.

Grown in Chile by Rodolfo Jaramillo, from material originating in the United States.

**198971. QUERCUS sp. Fagaceae.**

From Italy. Seeds presented by Fratelli Borromeo, Milan. Received Jan. 11, 1952.

Received as *Q. gardeniaefolio*, an apparently unpublished name.

**198972 and 198973.**

From India. Seeds presented by the Assistant Conservator of Forests, Ootacamund. Received Jan. 11, 1952.

198972. *ACACIA DEALBATA* Link. Mimosaceae.

198973. *LEUCAENA GLAUCA* (L.) Benth. Mimosaceae.

**198974 to 198976. PRUNUS PERSICA (L.) Batsch. Amygdalaceae.****Peach.**

From England. Cuttings presented by F. E. Kenchington, Braintree and Bocking. Received Jan. 14, 1952.

198974. *RX1 Marymak.*

198975. *RX2 North German Red.*

198976. *Peregrine.*

**198977 to 198979. GOSSYPIUM. Malvaceae.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Shambat, Khartoum North. Received Jan. 14, 1952.

198977. *ANBC-5.*

198978. *AN-1.*

198979. *Gossypium raimondii* × *arboreum*.

**198980. SCHOENOCEPHALIUM MARTIANUM Seub. Rapateaceae.**

From Colombia. Seeds collected by R. E. Schultes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Jan. 14, 1952.

From Araracuara, on the Carquela River, Amazonas.

**198981 to 198983. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From Sweden. Cuttings presented by the Horticultural Research Station, Alnarp, Akarp. Received Jan. 15, 1952.

198981. *Horno.*

198982. *Loftshammar.*

198983. *Sestervik.*

**198984 to 198986. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From Colombia. Seeds presented by Browther Robert Mario, Instituto de La Salle, Bogotá. Received Jan. 16, 1952.

198984. *Limon Mandarin.*

198985. Common type.

198986. *Limon Real.*

**198987. RUBUS HENRYI var. BAMBUSARUM (Focke) Rehd. Rosaceae.****Raspberry.**

From Scotland. Cuttings presented by the Royal Botanic Garden, Edinburgh. Received Jan. 16, 1952.

**198988 and 198989. BETA spp. Chenopodiaceae.****Beet.**

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received Jan. 17, 1952.

198988. *BETA VULGARIS* var. *MACROCARPA* (Guss.) Moq.

198989. *BETA VULGARIS* L.

**198990 and 198991.**

From Israel. Seeds presented by the Government Agricultural Experiment Station, Neveh-Yaar, Haifa. Received Jan. 17, 1952.

198990. *CARTHAMUS TINCTORIUS* L. Asteraceae.

**Safflower.**

198991. *SESAMUM INDICUM* L. Pedaliaceae.

**Sesame.**

**198992. DIOSCOREA sp. Dioscoreaceae.**

From Costa Rica. Tubers presented by the Institute of Inter-American Affairs, San Jose. Received Jan. 18, 1952.

**198993. PISTACIA VERA L. Anacardiaceae.****Pistachio.**

From California. Tree growing at the United States Plant Introduction Garden, Chico. Numbered Jan. 30, 1952.

Open-pollinated seedling of P. I. 12815 (*Trabonella*.)

**198994 to 199001. SORGHUM spp. Poaceae.**

From Australia. Seeds presented by Dr. William Hartley, Division of Plant Industry, Canberra, A. C. T. Received Jan. 21, 1952.

Experiment Station, Katherine, Northern Territory, unless otherwise noted.

**198994 and 198995. SORGHUM INTRANS F. Muell.**

198994. C-264.

198995. C-311.

**198996. SORGHUM LAXIFLORUM F. M. Bailey.**

C-265.

**198997 and 198998. SORGHUM LEOCLADUM (Hack.) Hubb.**

Kambah Pool, Murrumbidgee River, near Canberra.

198997. C-148.

198998. C-175.

**198999 and 199000. SORGHUM PLUMOSUM (R. Br.) Beauv.**

198999. C-266.

199000. W-308.

**199001. SORGHUM STIPOIDEUM (Ewart & J. White) Gard. & Hubb.**

C-267.

**199002 to 199005. STROPHANTHUS spp. Apocynaceae.**

From Africa and Switzerland. Seeds presented by J. Monachino, New York Botanical Garden, Bronx, New York. Received Jan. 21, 1952.

**199002 and 199003. STROPHANTHUS SARMENTOSUS DC.**

199002. K. S. 5126. French Sudan.

199003. Received as var. *major*. Near Loko, French Equatorial Africa.

**199004. STROPHANTHUS sp.**

K. S. 5122. Representative of M. P. D. 50. French Sudan.

**199005. STROPHANTHUS sp.**

Strain *H. B. 13*. Switzerland.

**199066. PRUNUS. Amygdalaceae.**

From France. Plants presented by the Station de Recherches Viticoles et d'Arboriculture Fruitiere, Pont-de-la-Maye. Received Jan. 23, 1952.

F<sub>1</sub>R<sub>1</sub> × S557. Peach-almond hybrid.

**199007 to 199009. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From England. Cuttings presented by the Royal Horticultural Society Gardens, Wisley, Ripley, Surrey. Received Jan. 23, 1952.

**199007. Merton Prolific.**

**199008. Merton Russet.**

**199009. Merton Worcester.**

**199010 to 199013. YUCCA spp. Liliaceae.**

From Georgia. Plants growing at the United States Plant Introduction Garden, Savannah. Numbered Jan. 23, 1952.

Originally from sources indicated.

**199010 and 199011. YUCCA FILAMENTOSA L.**

199010. Litchfield Plantation, Georgia.

199011. R. K. Godfrey, Southport, N. C.

**199012 and 199013. YUCCA GLORIOSA L.**

199012. S. Dickerson, Goldwire Plantation, Chatham County, Ga.

199013. R. K. Godfrey, Southport, N. C.

**199014 to 199018.**

From Iowa. Plants growing at the United States Plant Introduction Station, Ames. Numbered Jan. 23, 1952.

**199014. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.**

**Cushaw.**

Originally from Africa. Presented by Frank Pellet, Pellet Gardens, Atlantic, Iowa, in 1949.

**199015. CUCURBITA PEPO L.**

**Pumpkin.**

Received as a mixture with *Cucurbita maxima*, P. I. 172853.

**199016 to 199018. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**

**Tomato.**

From M. Hardin, Geary, Okla.

199016. *Juan Perón*. From Professor Piovano, Mendoza, Argentina.

199017. *Plains Tree*. Wind-resistant, determinate, short, sturdy plant; medium early, very fruitful. Fruit medium-sized, smooth, uniformly red.

199018. *Sooner*. The earliest large-fruited tomato grown here; very productive. Fruit red, oblate, usually smooth but some times rough. Ripens 7 to 10 days ahead of *Bison*. Grown primarily for dry conditions and short seasons.

**199019 to 199025.**

From California. Rhizomes obtained from the Bureau of Entomology and Plant Quarantine, San Francisco. Received Jan. 24, 1952.

Originally from sources indicated.

**199019. IRIS ATROPURPUREA Baker. Iridaceae.**

The Netherlands.

**199020. IRIS.**

*Charon*. England.

**199021. IRIS HAYNEI Baker.**

Jerusalem, Israel.

**199022 to 199024. IRIS.**

199022. *Lucia*. The Netherlands.

199023. *Luna*. England.

199024. *Orestes*. England.

**199025. IRIS sp.**

Jerusalem, Israel.

**199026 to 199028. PRUNUS. Amygdalaceae.**

From Denmark. Cuttings presented by the Planteskole og Frøhandel, Copenhagen. Received Jan. 28, 1952.

199026. *No. 5-18*.

199027. *No. 16-13*.

199028. *No. 21-20*.



**199029 and 199030. FICUS CARICA L. Moraceae. Common fig.**

From Algeria. Cuttings presented by the Service Algerian De La Protection du Vegetation, Algiers. Received Jan. 29, 1952.

199029. *Tameriout*.

199030. *Taranimt*.

**199031 to 199033. CUCURBITA MAXIMA Duchesne. Cucurbitaceae. Squash.**

From Iowa. Plants growing at the United States Plant Introduction Station, Ames. Numbered Jan. 29, 1952.

199031. Selection from P. I. 174184, Turkey, 1949.

199032. Selection from P. I. 180284, India, 1949.

199033. Selection from P. I. 182197, Turkey, 1949.

**199034. CASTANEA sp. Fagaceae.**

From Japan. Cuttings presented by the Ministry of Agriculture and Forestry, Tokyo. Received Jan. 30, 1952.

Fruits spineless; from 20-year stool at Chiba University, Matsudo.

**199035 and 199036. YUCCA FILAMENTOSA L. Liliaceae.**

From North Carolina. Plants growing at the United States Plant Introduction Garden, Savannah, Ga. Numbered in January 1952.

Collected by R. K. Godfrey.

199035. Originally from Southport, N. C.

199036. Originally from Raleigh, N. C.

**199037 to 199051. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**

From the Belgian Congo. Seeds presented by the Director, Experiment Station, INEAC, Mulungu-Tshibinda. Received Jan. 31, 1952.

199037. *Acme Clair*.

199045. *Namulimbwa*.

199038. *Black Wonder*.

199046. *Namusiho*.

199039. *Ibundu*.

199047. *N'Dele*.

199040. *Inkoos*.

199048. *Riversdale Suiker*.

199041. *Itangaza*.

199049. *Vaal Stam*.

199042. *Kudu Stringless*.

199050. *Variavaganda*.

199043. *Long Khaki*.

199051. *Wulma*.

199044. *Namuguroba*.

**199052 to 199067.**

From the Union of South Africa. Seeds obtained through the American Embassy, Pretoria, Transvaal. Received Jan. 31, 1952.

199052. *ANTHOSCHMIDTIA BULBOSA* (Stapf.) Peter. Poaceae.

199053. *ARISTIDA UNIPLUMIS* Roem. & Schult. Poaceae.

199054. *DICHANTHIUM ARISTATUM* (Poir.) C. E. Hubb. Poaceae.

199055 to 199057. *DIGITARIA SMUTSII* Stent. Poaceae.

199055. No. 1.

199056. *Northam*.

199057. *16/6 Selection*.

199058. *DIGITARIA* sp.

199059. *EHRHARTA* sp. Poaceae.

**199052 to 199067—Continued**

199060. *ERAGROSTIS CURVULA* (Schrud.) Nees. Poaceae.

*Ermelo* type.

199061. *ERAGROSTIS* sp.

*Groot Fontein* selection.

199062 to 199064. *PANICUM MAKARIKARIENSE* (Goos.) Van Rensb. Poaceae.

199062. Selection 14/7.

199063. Selection 14/12.

199064. B Selection.

199065. *PANICUM MAXIMUM* Jacq.

Guinea grass.

199066. *PENNISETUM CILIARE* (L.) Link. Poaceae.

Buffelgrass.

199067. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb. Poaceae.

*Kazungula*.

**199068 and 199069. COIX LACHRYMA-JOBI** var. **MA-YUEN** (Romanet)

Stapf. Poaceae.

Adlay.

From the Philippines. Seeds presented by the Bureau of Plant Industry, Manila.  
Received Feb. 1, 1952.

199068. *Aglay*. Bukidnon, Mindanao.

199069. *Tigbi*. Quezon, Luzon.

**199070 to 199074. GOSSYPIUM.** Malvaceae.

Cotton.

From England. Seeds presented by the Department of Botany, University of  
Manchester, Manchester. Received Feb. 1, 1952.

199070. *La Chimba* No. 3.

199071. *La Chimba* No. 6.

199072. *Ovalle Chile La Chimba* No. 2.

199073. *Ovalle La Chimba* No. 4.

199074. *Ovalle La Chimba* No. 5. *Diaz*.

**199075 to 199084. CAMELLIA.** Theaceae.

From Alabama. Cuttings presented by the Overlook Nurseries, Creighton Sta-  
tion. Received Dec. 28, 1951.

199075. *Rosea Superba*.

199080. *C. M. Hovey*.

199076. *Eleanor Hagood*.

199081. *Mathotiana*.

199077. *Otome*.

199082. *Lindsay Neil*.

199078. *Aspasia*.

199083. *Lallarook*.

199079. *Debutante*.

199084. *Alba Plena*.

**199085. BLECHNUM CHILENSE** (Klf.) Mett. Polypodiaceae.

From Chile. Spores presented by Carlos Junge, Concepción. Received Dec. 17,  
1951.

**199086 to 199089. CITRUS LIMON** (L.) Brum. f. Rutaceae. **Lemon.**

From Colombia. Seed presented by the Estación Agrícola Experimental, Pal-  
mira. Received Feb. 4, 1952.

199086. *Eureka*.

199088. Native type.

199087. *Tabares*.

199089. *Rugoso*.

**199090 to 199094.**

From the Union of South Africa. Seeds presented by Miss Mildred Wilman, Kimberley, Cape Province. Received Feb. 4, 1952.

199090. *BRIZA MAXIMA* L. Poaceae.

199091. *BRIZA MINOR* L.

199092. *CHLORIS GAYANA* Kunth. Poaceae.

**Rhodes grass.**

199093. *DIGITARIA* sp. Poaceae.

199094. *SETARIA CHEVALIERI* Stapf & Hubb. Poaceae.

**199095 and 199096. MALUS SYLVESTRIS** Mill. Malaceae.

**Apple.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Feb. 4, 1952.

Originally received as cuttings from Bandholm, Denmark, in February 1951.

199095. *Red Transparent*.

199096. *Blood-red Gravenstein*.

**199097. CUCUMIS MELO** L. Cucurbitaceae.

**Muskmelon.**

From Iran. Seeds presented by H. V. Geib, Agricultural Advisor, American Embassy, Tehran. Received Feb. 5, 1952.

**199098 and 199099.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Feb. 6, 1952.

199098. *ERIOBOTRYA JAPONICA* (Thunb.) Lindl. Rosaceae.

**Loquat.**

A seedling of outstanding quality, originally sent from Washington, D. C. without P. I. number.

199099. *RHAPIS HUMILIS* Blume. Phoenicaceae.

**Palm.**

Originally from seeds received from Lingnan University, Canton, China, through Col. R. H. Montgomery, Coconut Grove, Fla.

**199100. MALUS SYLVESTRIS** Mill. Malaceae.

**Apple.**

From England. Cuttings presented by the University of Bristol Research Station, Long Ashton, Somerset. Received Feb. 6, 1952.

*Cheddar*.

**199101 to 199103. SOLANUM TUBEROSUM** L. Solanaceae.

**Potato.**

From Spain. Tubers presented by the Ministerio de Agricultura, Madrid. Received Feb. 8, 1952.

199101. *Eminencia*.

199102. *Victor*.

199103. *Zaldi*.

**199104 to 199224. BETA VULGARIS** L. Chenopodiaceae.

**Beet.**

From England. Seeds presented by the Plant Breeding Institute, Cambridge. Received Feb. 8, 1952.

199104. BM 51/1.

199111. BM 51/8.

199105. BM 51/2.

199112. BM 51/9.

199106. BM 51/3.

199113. BM 51/10.

199107. BM 51/4.

199114. BM 51/11.

199108. BM 51/5.

199115. BM 51/12.

199109. BM 51/6.

199116. BM 51/13.

199110. BM 51/7.

199117. BM 51/14.

## 199104 to 199224—Continued

199118. BM 51/15.	199161. BM 51/58.
199119. BM 51/16.	199162. BM 51/59.
199120. BM 51/17.	199163. BM 51/60.
199121. BM 51/18.	199164. BM 51/61.
199122. BM 51/19.	199165. BM 51/62.
199123. BM 51/20.	199166. BM 51/63.
199124. BM 51/21.	199167. BM 51/64.
199125. BM 51/22.	199168. BM 51/65.
199126. BM 51/23.	199169. BM 51/66.
199127. BM 51/24.	199170. BM 51/67.
199128. BM 51/25.	199171. BM 51/68.
199129. BM 51/26.	199172. BM 51/69.
199130. BM 51/27.	199173. BM 51/70.
199131. BM 51/28.	199174. BM 51/71.
199132. BM 51/29.	199175. BM 51/72.
199133. BM 51/30.	199176. BM 51/73.
199134. BM 51/31.	199177. BM 51/74.
199135. BM 51/32.	199178. BM 51/75.
199136. BM 51/33.	199179. BM 51/76.
199137. BM 51/34.	199180. BM 51/77.
199138. BM 51/35.	199181. BM 51/78.
199139. BM 51/36.	199182. BM 51/79.
199140. BM 51/37.	199183. BM 51/80.
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199148. BM 51/45.	199191. BM 51/88.
199149. BM 51/46.	199192. BM 51/89.
199150. BM 51/47.	199193. BM 51/90.
199151. BM 51/48.	199194. BM 51/91.
199152. BM 51/49.	199195. BM 51/92.
199153. BM 51/50.	199196. BM 51/93.
199154. BM 51/51.	199197. BM 51/94.
199155. BM 51/52.	199198. BM 51/95.
199156. BM 51/53.	199199. BM 51/96.
199157. BM 51/54.	199200. BM 51/97.
199158. BM 51/55.	199201. BM 51/98.
199159. BM 51/56.	199202. BM 51/99.
199160. BM 51/57.	199203. BM 51/100.

**199104 to 199224—Continued**

199204. BM 51/101.	199215. BM 51/112.
199205. BM 51/102.	199216. BM 51/113.
199206. BM 51/103.	199217. BM 51/114.
199207. BM 51/104.	199218. BM 51/115.
199208. BM 51/105.	199219. BM 51/116.
199209. BM 51/106.	199220. BM 51/117.
199210. BM 51/107.	199221. BM 51/118.
199211. BM 51/108.	199222. BM 51/119.
199212. BM 51/109.	199223. BM 51/120.
199213. BM 51/110.	199224. BM 51/121.
199214. BM 51/111.	

**199225 to 199227. STROPHANTHUS SARMENTOSUS DC. Apocynaceae.**

From Switzerland. Seeds presented by Professor T. Reichstein, University of Basel, Basel. Received Feb. 8, 1952.

199225. H. G. 13. Eight km. south of Koussan, Senegal.

199226. H. G. 36.

199227. K. S. 5131. Southeast border of the Foret de Thies, Senegal.

**199228 to 199232. VACCINIUM spp. Vacciniaceae.**

From Guatemala. Collected by George M. Darrow, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 11, 1952.

From Guatemala City.

199228. VACCINIUM sp.

No. 1. (Cuttings.)

199229. VACCINIUM sp.

No. 2. (Plant.)

199230. VACCINIUM sp.

No. 3. (Plants.)

199231. VACCINIUM sp.

No. 4. (Plants.)

199232. VACCINIUM sp.

No. 5. (Seeds.)

**199233. CITRUS LIMON (L.) Burm. f. Rutaceae.****Lemon.**

From Chile. Seeds presented by J. Manuel Casanueva R., Santiago, Santiago. Received Feb. 12, 1952.

*Genova.* The most widely cultivated variety in Chile. Seeds from the Plantation SORRUCO, in the central part of Chile.

**199234. NICOTIANA TABACUM L. Solanaceae.****Tobacco.**

From France. Seeds presented by l'Institut Experimental du Tabac de Bergerac, Bergerac, Dordogne. Received Feb. 12, 1952.

*Java-Isere* × *Cabot*.

**199235. CAESALPINIA CORIARIA (Jacq.) Willd. Caesalpiniaceae.****Divi-divi.**

From Venezuela. Seeds presented by Bruno Mazzani, Instituto Nacional de Agricultura, Maracay. Received Feb. 12, 1952.

**199236 and 199237. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From Iowa. Plants growing at the United States Regional Plant Introduction Station, Ames. Numbered Feb. 13, 1952.

199236. *Coopers' Special*. Developed by Dr. Cooper, Fort Lauderdale, Fla.

199237. *Sterling Castle*. Originally from England, received through E. A. Kerr, Vineland, Ontario.

**199238 and 199239.**

From France. Seeds presented by the Museum National d'Histoire Naturelle, Paris. Received Feb. 13, 1952.

199238. *QUERCUS ILEX* L. Fagaceae. **Holly oak.**

199239. *QUERCUS MACROLEPIS* Kotschy.

**199240 to 199243.**

From Pakistan. Seeds presented by the Division Forest Officer, Lahore, Punjab. Received Feb. 14, 1952.

199240. *ANDROPOGON PERTUSUS* (L.) Willd. Poaceae.

199241. *CHRYSOPOGON MONTANUS* Trin. Poaceae.

199242. *CYNODON DACTYLON* (L.) Pers. Poaceae. **Bermuda grass.**

199243. *DESMOSTACHYA BIPINNATA* (L.) Stapf. Poaceae.

**199244 to 199265.**

From Greece. Seeds obtained through the American Embassy, Athens. Received Feb. 14, 1952.

P. I. numbers 199244, 199245, 199248-199252, 199255, 199260-199265 were presented by Professor Stavros Papandreou, Superior School of Agriculture, Athens.

P. I. numbers 199246, 199247, 199253, 199254, 199256-199259 were presented by Athan Dendrinios, Ministry of Agriculture, Calogresia, Chalandri.

199244. *AGROSTIS ALBA* L. Poaceae. **Redtop.**

199245. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

199246 to 199248. *EBENUS CRETICA* L. Fabaceae.

199246. Chalandri.

199247. No. 1. Athens.

199248. No. 2. Athens. (Unhulled seed.)

199249. *FESTUCA ARUNDINACEA* Schreb. Poaceae. **Tall fescue.**

199250. *HEDYSARUM CORONARIUM* L. Fabaceae. **Sulla.**

199251. *LOLIUM MULTIFLORUM* Lam. Poaceae. **Italian ryegrass.**

199252. *LOLIUM PERENNE* L. **Perennial ryegrass.**

199253. *MEDICAGO ARABICA* (L.) All. Fabaceae.

199254 and 199255. *MEDICAGO ARBOREA* L.

199254. Chalandri.

199255. Athens.

199256. *MEDICAGO HISPIDA* Gaertn. **Burclover.**

199257. *MEDICAGO MUREX* Willd.

199258. *MEDICAGO ORBICULARIS* (L.) All.

199259. *MEDICAGO RUGOSA* Desf.

199260. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. **Yellow sweetclover.**

199261. *PHALARIS ARUNDINACEA* L. Poaceae. **Reed canarygrass.**

199262. *PHLEUM PRATENSE* L. Poaceae. **Timothy.**

**199244 to 199265—Continued**199263. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

199264. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

199265. *VICIA ATROPURPUREA* Desf. Fabaceae.**199266. PRUNUS AVIUM** L. Amygdalaceae.

Sweet cherry.

From Sweden. Budsticks presented by the Balsgard Fruit Breeding Station, Fjalkestad. Received Feb. 15, 1952.

2n-32.

**199267 to 199270.**

From Honduras. Plants collected by George M. Darrow, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 15, 1952.

From Tegucigalpa.

199267. *FRAGARIA*. Rosaceae.

Strawberry.

*Missionary.*199268. *RUBUS* sp. Rosaceae.

Raspberry.

199269. *RUBUS HONDURENSIS* L. H. Bailey.199270. *RUBUS SHANKII* Standl. & L. O. Williams.**199271 to 199281. MEDICAGO SATIVA** L. Fabaceae.

Alfalfa.

From Portugal. Seeds presented by the Estação do Melhoramento de Plantas, Elvas. Received Feb. 15, 1952.

Original sources given where known.

199271. No. 8168. *Luzerne Rustique*.199272. No. 8171. *Luzerne de Provence*.199273. No. 8445. *Mieckańska*. Poland.199274. No. 8446. *Luzerne Peruana*.

199275. No. 8450.

199276. No. 8470. Tucumán, Argentina.

199277. No. E-179.

199278. No. E-350. *Luzerne de Provence*. South Africa.199279. No. E-352. *Luzerne Chinese*. South Africa.199280. No. E-541. *Luzerne de Lerida*. Spain.

199281. No. E-636.

**199282 to 199291. SOLANUM TUBEROSUM** L. Solanaceae. Potato.

From Germany. Tubers presented by the Max Planck Institute, Voldagsen über Elze, Hannover. Received Feb. 15, 1952.

199282. *Erstling*.199287. *Marki-Redwitzer Frühe*.199283. *Frühbote*.199288. *Oberarnbacher Frühe*.199284. *Frühmolle*.199289. *Primula*.199285. *Frühperle*.199290. *Sieglinde*.199286. *Jacobi*.199291. *Vera*.**199292 to 199294. GLYCINE MAX** (L.) Merr. Fabaceae. Soybean.

From British Guiana. Seeds presented by the Department of Agriculture, Georgetown. Received Feb. 15, 1952.

199292. *Biloxi*.199293. *JEW 45*.199294. *Mamotan*.

**199295 to 199303.**

From Formosa. Cuttings presented by Nelson H. Fritz, J. G. White Engineering Corporation, Taipeh. Received Feb. 18, 1952.

**199295 and 199296.** *CAMELLIA JAPONICA* L. Theaceae.

**199295.** *Hortensis*. No. 1. Leaves elliptic, acuminate, very thick and shining, serrated, with short pedicels; flowers red, single, appearing in June and February in Formosa.

**199296.** *Hortensis*. No. 2. Flowers white with double petals.

**199297 and 199298.** *CAMELLIA RETICULATA* Lindl.

**199297.** No. 3. Leaves elliptic, margins wavy, serrated; flowers red, double, about 12 cm. in diameter, appearing in February and March in Formosa.

**199298.** No. 4. Flowers white, double, appearing in February and March in Formosa.

**199299.** *RHODODENDRON MUCRONATUM* (Blume) G. Don. Ericaceae.

No. 1. Plant about 2 m. in height; leaves oblanceolate; leaves and young twigs covered with brownish pubescence; flowers terminal, pure white, funnelform.

**199300.** *RHODODENDRON INDICUM* (L.) Sweet.

No. 2. Flowers light purplish red with deep purplish red dots along the center of the petals, funnelform; blooming early, usually in June in Formosa.

**199301.** *RHODODENDRON MAKINOI* Tagg.

No. 3. Leaves elliptic, pubescent; flowers pink, with deep-red dots along the center of the petals, in terminal racemes. Fruit capsulelike.

**199302.** *RHODODENDRON LINEARIFOLIUM* var. *MACROSEPALUM* (Maxim.) Makino.

No. 4. Plant about 2 m. in height; leaves elliptic, waxy, dark shining green; flowers terminal, deep-red, with a long-blooming period, usually beginning in February in Formosa.

**199303.** *RHODODENDRON SERPYLLIFOLIUM* (A. Gray) Miquel.

No. 5. Small shrub about 1 m. tall; leaves very small, fine pubescence, shining; flowers vermilion red, funnelform, small, blooming late. Suitable for pot culture.

**199304 and 199305.**

From Peru. Seeds collected by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Feb. 18, 1952.

**199304.** *HORDEUM VULGARE* L. Poaceae.

**Common barley.**

Spring barley.

**199305.** *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

**199306 and 199307.** *CITRUS LIMON* (L.) Burm. f. Rutaceae. **Lemon.**

From Turkey. Seeds presented by the Subtropical Fruit Experiment Station, Iskenderun. Received Feb. 19, 1952.

**199306.** *Lamas*.

**199307.** *Molla Mehmet*.

**199308.** *SINOCALAMUS LATIFLORUS* (Munro) McClure. Poaceae.

**Bamboo.**

From Formosa. Plants presented by Nelson H. Fritz, J. G. White Engineering Corporation, Taipeh. Received Feb. 19, 1952.

**199309.** *PENTAPETES PHOENICEA* L. Sterculiaceae.

From Pakistan. Seeds presented by Dr. B. Chatterjee, Sylhet. Received Feb. 20, 1952.



**199310 to 199376.**

From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Received Feb. 20, 1952.

199310. *ARGYROLOBIUM* sp. Fabaceae.

No. 27. Moiben Valley; altitude 6,000 feet. Low, bushy plant.

199311. *ARGYROLOBIUM* sp.

No. 18. Cherangani Hills; altitude 9,000 feet. Low, bushy plant.

199312. *ARGYROLOBIUM* sp.

No. 4. Cherangani Hills; altitude 10,500 feet. Small, bushy perennial.

199313. *ASTRAGALUS ABYSSINICUS* Steud. Fabaceae.

No. 35. Mount Elgon. Annual.

199314. *ANDROPOGON INSCULPTUS* Hochst. Poaceae.

No. 6. Moiben Valley; altitude 6,500 feet. Prostrate, but in dense stands 2 feet high.

199315. *CASSIA KIRKII* Oliver. Caesalpiniaceae.

No. 3. Trans-Nzoia and Uashin Gishu districts; altitude 5,500 to 6,500 feet. Low, bushy perennial; eaten by all livestock.

199316. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

No. 8.

199317. *COLEUS BARBATUS* (Andrews) Benth. Menthaceae.

No. 1. Highlands; altitude 6,000 to 7,500 feet. Woody herb, with brilliant blue flowers in racemes.

199318. *CROTALARIA JUNCEA* L. Fabaceae.

Sunn-hemp.

No. 48. Altitude 6,300 feet.

199319. *CROTALARIA* sp.

No. 10. Erect, 5 feet high.

199320. *CROTALARIA* sp.

No. 44. Shores of Lake Victoria, Nyanza Province. A tall plant resembling *C. juncea*. The tender leafy shoots are boiled and eaten by the natives.

199321. *CROTALARIA* sp.

No. 12. Trans-Nzoia district. Bushy perennial up to 3 feet high.

199322. *CROTALARIA* sp.

No. 11. Trans-Nzoia and Uashin Gishu districts. Erect perennial, 4 feet high.

199323. *CROTALARIA* sp.

No. 20. White-hairy species.

199324. *CROTALARIA* sp.

No. 33. Altitude 6,500 feet.

199325. *CROTALARIA* sp.

No. 26. Trans-Nzoia; altitude 6,000 to 6,500 feet.

199326. *CROTALARIA* sp.

No. 19. Trans-Nzoia and Uashin Gishu districts. Tall, rather woody perennial; very heavy seeder.

199327 and 199328. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

199327. No. 32. White-flowered variety; biennial.

199328. No. 24. White-flowered variety; short-lived perennial.

## 199310 to 199376—Continued

199329. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitch. & Chase. Poaceae

No. 7. Trans-Nzoia and Uashin Gishu districts.

199330. *ERAGROSTIS* sp. Poaceae.

No. 3. Moiben Valley. Annual or short-lived perennial.

199331. *ERAGROSTIS* sp.

No. 2. Moiben Valley. Cespitose, pioneer grass.

199332. *ERAGROSTIS* sp.

No. 11. Short, broad leaves; excellent for pasture.

199333. *ERIOSEMA* sp. Fabaceae.

No. 38. Trans-Nzoia. Prostrate with stems 1 foot long.

199334. *ERIOSEMA* sp.

No. 14. Cherangani Hills; altitude 6,500 feet. Bushy plant, up to 4 feet high.

199335. *GLYCINE JAVANICA* L. Fabaceae.

No. 28. Medium altitudes. Very palatable to all stock. Makes excellent pasture; good for controlling erosion.

199336. *HARPACHNE* sp. Poaceae.

No. 4. Moiben Valley; altitude 6,300 feet. Bunchgrass, up to 3 feet high; promising reclamation grass.

199337. *HYPARRHENIA* sp. Poaceae.

No. 8.

199338. *HYPARRHENIA* sp.

No. 10.

199339. *INDIGOFERA ARRECTA* Hochst. Fabaceae.

No. 17. Trans-Nzoia district. Woody perennial, eaten by sheep and goats.

199340. *INDIGOFERA RETROFLEXA* Baill.

No. 39. Base of Mount Elgon. Erect shrub, susceptible to insect attack.

199341. *INDIGOFERA* sp.

No. 15. Uashin Gishu Plateau. Plant slender stemmed, 3 feet high.

199342. *INDIGOFERA* sp.

No. 41. Tall, bushy plant.

199343. *INDIGOFERA* sp.

No. 51.

199344. *INDIGOFERA* sp.

No. 52.

199345. *INDIGOFERA* sp.

No. 6. Moiben Valley. Common decumbent perennial.

199346. *INDIGOFERA* sp.

No. 5. Moiben Valley. Prostrate perennial.

199347. *LENS CULINARIS* Medic. Fabaceae.

**Lentil.**

No. 7. Cherangani Hills.

199348. *LOTUS* sp. Fabaceae.

No. 16. Cherangani Hills. Rare, deep-rooted perennial; very palatable.

199349. *LUPINUS ALBUS* L. Fabaceae.

**White lupine.**

No. 54. Sweet, edible lupine.

## 199310 to 199376—Continued

199350. *PANICUM MAXIMUM* Jacq. Poaceae. Guinea grass.  
No. 8. Moiben Valley.
199351. *PANICUM* sp.  
No. 1. Lush pasture.
199352. *PANICUM* sp.  
No. 13. Excellent pasture.
199353. *PAROCHETUS COMMUNIS* Buch.-Ham. Fabaceae.  
No. 55. Originally from India.
199354. *PASPALUM SCROBICULATUM* L. Poaceae.  
No. 6.
199355. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.  
No. 1.
199356. *PHASEOLUS COCCINEUS* L. Scarlet runner bean.  
No. 31.
199357. *PHASEOLUS FALCATUS* Benth.  
No. 29. Perennial vine, making dense growth.
199358. *PHASEOLUS* sp.  
No. 42. Trans-Nzoia. Common creeping vine.
199359. *RHYNCHOSIA* sp. Fabaceae.  
No. 30. Moiben Valley. Prostrate perennial; rare.
199360. *RHYNCHOSIA USAMBARENSIS* Taub.  
No. 9. Indigenous perennial vine, palatable to most livestock.
199361. *SETARIA TRINERVIA* Stapf. Poaceae.  
No. 12. Excellent for pasture.
199362. *SPOROBOLUS* sp. Poaceae.  
No. 5. Trans-Nzoia. Abundant seeder.
199363. *TEPHROSIA* sp. Fabaceae.  
No. 13. Kitale, Trans-Nzoia. Much-branched plant up to 2 feet high. Received as *T. richardii*, an apparently unpublished name.
199364. *TEPHROSIA* sp.  
No. 14. Trans-Nzoia and Uashin Gishu districts. Prostrate.
199365. *TEPHROSIA* sp.  
No. 49. Creeping vine.
199366. *TEPHROSIA* sp.  
No. 50. Trans-Nzoia. Vine forming dense cover 6 inches high.
199367. *TRIFOLIUM CRYPTOPODIUM* Steud. Fabaceae.  
No. 23. Cherangani Hills; altitude 10,000 to 11,000 feet. Perennial, decumbent.
199368. *TRIFOLIUM SEMIPILOSUM* Fresen.  
No. 21. Deep-rooted perennial, common at altitude 6,600 to 7,500 feet.
199369. *TRIFOLIUM* sp.  
No. 22. Cherangani Hills. Received as *T. stolzii*, an apparently unpublished name.
199370. *TRIFOLIUM* sp.  
No. 56.

**199310 to 199376—Continued**

199371. *VIGNA STUHLMANNII* Harms. Fabaceae.

No. 40. Trans-Nzoia. Makes dense ground cover; heavy seeder.

199372. *TEPHROSIA* sp. Fabaceae.

No. 45. Trans-Nzoia. Semierect annual; excellent forage.

199373. *VIGNA* sp.

No. 37. Trans-Nzoia.

199374. *VIGNA* sp.

No. 36. Trans-Nzoia.

199375. *VIGNA* sp.

No. 2. Perennial, slow-growing vine.

199376. *VIGNA* sp.

No. 53. Uashin Gishu and Trans-Nzoia. Semierect, common.

**199377 and 199378. QUERCUS spp. Fagaceae.**

From Okinawa, Ryukyu Islands. Seeds presented by R. M. Vasney. Received Feb. 21, 1952.

199377. *QUERCUS* sp.

No. 1.

199378. *QUERCUS* sp.

No. 2.

**199379. TRIFOLIUM REPENS L. Fabaceae.****White clover.**

From Denmark. Seed presented by the Danish Farmers Cooperative Seed Growing Association, Taastrup. Received Feb. 25, 1952.

*Lodi Øtofte.*

**199380 and 199381. LYCOPERSICON spp. Solanaceae.**

From Iowa. Seeds sown at the United States Plant Introduction Station, Ames. Numbered Feb. 25, 1952.

Collected in Peru by Dr. Charles M. Rick, University of California, Feb. 8, 1949.

199380. *LYCOPERSICON GLANDULOSUM* C. H. Mull.

Outskirts of Canta.

199381. *LYCOPERSICON HIRSUTUM* Humb. & Bonpl.

Rio Chillon, below Canta.

**199382 and 199383. PHALARIS spp. Poaceae.**

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Colonia. Received Feb. 25, 1952.

199382. *PHALARIS MINOR* Retz.

199383. *PHALARIS TUBEROSA* L.

**199384 and 199385. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From Lebanon. Seeds presented by Barakat Noujaim Department d'Arbres Fruitiers, Beirut. Received Feb. 26, 1952.

199384. *Assa'asly.*

199385. *Marakby.*

**199386. RUBUS GLAUCUS Benth. Rosaceae.****Andes raspberry.**

From Costa Rica. Plants collected by George M. Darrow, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 28, 1952.

From Turrialba.

**199387 to 199401. PRUNUS spp. Amygdalaceae.**

From Maryland. Trees growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Mar. 3, 1952.

**199387 to 199394. PRUNUS PERSICA (L.) Batsch.**

**Peach.**

199387. FV 166-79.

199391. FV 178-79.

199388. FV 131-50.

199392. FV 129-29.

199389. FV 126.

199393. FV 32-12.

199390. FV 131-48.

199394. *Beltsville 2832*.

**199395 and 199396. PRUNUS ARMENIACA L.**

**Apricot.**

199395. *Sophia O. P. #17*.

199396. *Sophia* × *Riland #5*.

**199397 to 199401. PRUNUS PERSICA (L.) Batsch.**

**Peach.**

199397. 3-1406.

199400. 3-1284.

199398. 2-1860.

199401. 3-1714.

199399. 2-1856.

**199402 to 199411. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.**

From California. Trees growing at the United States Plant Introduction Garden, Chico. Numbered Mar. 3, 1952.

**199402.** Selection (C1-75) from C-26799. Large-fruited type, of Asiatic origin.

**199403 to 199411.** Selection from C-125607. Originally from Faizbad, Afghanistan.

199403. (J8-142).

199408. (J8-100).

199404. (J8-72).

199409. (J8-111).

199405. (J8-82).

199410. (J8-130).

199406. (J8-94).

199411. (J8-137).

199407. (J8-95).

**199412. PYRUS COMMUNIS L. Malaceae.**

**Pear.**

From Sweden. Cuttings presented by the Foreningen for Vaxtforadling av Fruktträd, Balsgard. Received Feb. 27, 1952.

*Moltka*.

**199413 and 199414. PRUNUS DOMESTICA L. Amygdalaceae.**

**Common plum.**

From Italy. Cuttings presented by Arturo Ansaloni, Bologna. Received Feb. 29, 1952.

199413. *Florenzia* × *Beauty 355*.

199414. *Shiro* × *Santa Rosa 243 (Morettini)*.

**199415 to 199421. MALUS SYLVESTRIS Mill. Malaceae.**

**Apple.**

From England. Cuttings presented by the Royal Horticultural Society Gardens, Wisley, Ripley, Surrey. Received Feb. 29, 1952.

199415. *Aromatic Russet*.

199419. *Lamb Abbey Pearmain-B*.

199416. *Hereford Red Streak*.

199420. *Padley's Pippin*.

199417. *Knobbed Russet*.

199421. *Saeftaholms*.

199418. *Lamb Abbey Pearmain-A*.

**199422 to 199454. PRUNUS spp. Amygdalaceae.**

From England. Cuttings presented by the East Malling Research Station, East Malling, Maidstone, Kent. Received Feb. 27, 1952.

**199422 to 199429. PRUNUS AVIUM L.****Sweet cherry.**199422. F 254. *Alba Heart*.199426. F 124. *Bedford Prolific A*.199423. F 262. *August Heart B*.199427. F 217. *Bedford Prolific B*.199424. F 267. *Bailey's Early Black*.199428. F 310. *Beechcroft*.199425. F 82. *Baumans May A*.199429. F 37. *Belle Agathe*.**199430. X PRUNUS EFFUSA (Host) Schneid.****Duke cherry.**F 122. *Belle de Choisy*.**199431 to 199453. PRUNUS AVIUM L.****Sweet cherry.**199431. F 218. *Bigarreau Gaucher*.199443. F 169. *Buttner's Rote*.199432. F 167. *Bigarreau Jaboulay*.199444. F 246. *Carnation C*.199433. F 386. *Bigarreau de Mezel A*.199445. F 187. *Cerise Libjejece*.199434. F 228. *Bigarreau de Mezel C*.199446. F 156. *Coe's Late Carnation*.199435. F 69. *Bigarreau Reverchon B*.199447. F 380. *Coopers Black*.199436. F 34. *Bigarreau de Schrecken*.199448. F 98. *Corone A*.199437. F 181. *Black Downton*.199449. F 324. *Corone B*.

199438. (No data.)

199450. F 331. *Corone C*.199439. F 105. *Black Elton*.199451. F 320. *Early Birchenhayes*.199440. F 318. *Bolium*.199452. F 95. *Early Cluster*.199441. F 411. *Bradbourne Black*.199453. F 44. *Elton Heart*.199442. F 319. *Burcombe*.**199454. X PRUNUS EFFUSA (Host) Schneid.****Duke cherry.**F 153. *Empress Eugenie*.**199455 to 199502. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From the Netherlands. Cuttings presented by the Institute of Horticultural Plant Breeding, Kantoor, Wageningen. Received Feb. 27, 1952.

199455. *Beekse Late*.199471. *Markies (Pater van Mansfeld)*.199456. *Blankette*.199472. *Reine Hortense*.199457. *Bruine Spaanse*.199473. *Sprekelkers*.199458. *Dikke Loen*.199474. *Varikse Zwarte*.199459. *Dubbele Eierkriek*.199475. *Vroege van Gelmen*.199460. *Frühste der Mark*.199476. *Vroege van Werder*.199461. *Gendtse*.199477. *Waalse Bruine*.199462. *Hollander*.199478. *Waalse Dikke*.199463. *Inspecteur Lohnis*.199479. *Westerleese Kriek*.199464. *Kleine Waalse*.199480. *Zoete Morel*.199465. *Klerk*.199481. *Zwarte Rouaan*.199466. *Kongingskers*.199482. *Basler Adler*. Switzerland.199467. *Lamotte*.199483. *Bigarreau Hatif Burlat*. France.199468. *Meikers*.199469. *Mierlose Swarte*.199484. *Bigarreau Moreau*. France.199470. *Molenkers*.

**199455 to 199502—Continued**

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| 199485. <i>Bigarreau Pelissier</i> . France. | 199495. <i>Norbury's Early Black</i> .<br>England. |
| 199486. <i>Black Olive</i> . England.        | 199496. <i>Nutberry Black</i> . England.           |
| 199487. <i>Corone A</i> . England.           | 199497. <i>Pointed Heart</i> . England.            |
| 199488. <i>Germersdorfer</i> . Belgium.      | 199498. <i>Poolse</i> . Belgium.                   |
| 199489. <i>Langstieler</i> . Switzerland.    | 199499. <i>Ronalds Heart</i> . England.            |
| 199490. <i>Merton Bigarreau</i> . England.   | 199500. <i>Roundel Heart</i> . England.            |
| 199491. <i>Merton Bounty</i> . England.      | 199501. <i>Yates seedling</i> . England.           |
| 199492. <i>Merton Favourite</i> . England.   | 199502. <i>Zweitfruhe</i> . Switzerland.           |
| 199493. <i>Merton Heart</i> . England.       |  |
| 199494. <i>Merton Premier</i> . England.     |  |

**199503 and 199504.**

From India. Seeds obtained through the American Embassy, New Delhi.  
Received Mar. 5, 1952.

199503. *INDIGOFERA* sp. Fabaceae.

199504. *DESMODIUM TILIAEFOLIUM* (D. Don) G. Don. Fabaceae.

**199505. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From Germany. Cuttings presented by Dr. Wilhelm Rudolf, Max Planck  
Institute, Voldagsen über Elze, Hannover. Received Mar. 5, 1952.

*Theissinger Sämling*.

**199506 to 199509.**

From New York. Seeds presented by Mrs. James W. Winfield, Painted Post.  
Received Mar. 5, 1952.

199506 and 199507. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.

199506. *Bird's Eye*. Originally from British Guiana.

199507. *Purple*. Originally from the Mexican border, Texas.

199508 and 199509. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.

199508. *Trouce*. Originally from Prof. Alberdardo Piovano, Mendoza,  
Argentina.

199509. Originally from Dr. C. F. Secord, Guatemala.

**199510 to 199513. VITIS VINIFERA L. Vitaceae. European grape.**

From Yugoslavia. Cuttings obtained through the American Consulate, Zagreb.  
Received Mar. 5, 1952.

199510. *Kamenina*.

199512. *Volarova*.

199511. *Kraljevina*.

199513. *Ziahtina*.

**199514 to 199516.**

From Greece. Seeds presented by N. G. Criesis, Athens. Received Mar. 5, 1952.

199514. *CUCUMIS SATIVUS* L. Cucurbitaceae.

Cucumber.

*Antzouri*. Fruits very large.

199515 and 199516. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

199515. *M 13*.

199516. *M 19*.

**199517 and 199518. SACCHARUM. Poaceae. Sugarcane.**

From Formosa. Cuttings presented by the Sugar Experiment Station, Ping-  
tung. Received Mar. 5, 1952.

199517. *P. T. 45-52*.

199518. *P. T. 47-1010 E*.

**199519 and 199520. SACCHARUM. Poaceae.****Sugarcane.**

From Nicaragua. Seeds presented by the Nicaragua Sugar Estates, Ltd., Granada. Received Mar. 5, 1952.

199519. *CP 34-79* × *Badila*.

199520. *Balila* × *CP 34-79*.

**199521. AMMI VISNAGA (L.) Lam. Apiaceae.**

From Turkey. Seeds presented by Dr. B. Kasapligil, Mersin. Received Mar. 5, 1952.

**199522 to 199524. PRUNUS PERSICA (L.) Batach. Amygdalaceae.****Peach.**

From Australia. Cuttings presented by the Department of Agriculture, Melbourne, Victoria. Received Mar. 6, 1952.

199522. *Bendigo Beauty*.

199523. *Lorimer*.

199524. *Millicent*.

**199525 to 199533. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From Japan. Cuttings presented by the Aomori Apple Experiment Station, Kuroishi-Machi, Aomori. Received Mar. 6, 1952.

199525. *Amamskiki*.

199530. *Murasaki*.

199526. *Fukunishiki*.

199531. *Orei*.

199527. *Korei*.

199532. *Orient*.

199528. *Kyokko*.

199533. *Shisci*.

199529. *Megumi*.

**199534 to 199538. TRIFOLIUM spp. Fabaceae.**

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém. Received Mar. 6, 1952.

199534. *TRIFOLIUM STRICTUM* L.

199535. *TRIFOLIUM MARITIMUM* Huds.

199536. *TRIFOLIUM PHYSODES* Stev.

199537. *TRIFOLIUM SCABRUM* L.

199538. *TRIFOLIUM TOMENTOSUM* L.

**199539 to 199554. ORYZA SATIVA L. Poaceae.****Rice.**

From El Salvador. Seeds presented by the Centro Nacional de Agronomía, Santa Tecla. Received Mar. 6, 1952.

199539. No. 1498. *Agulha Branco Medio TM 821*.

199540. No. 1500. *Agulha Branco TM 821*.

199541. No. 1495. *Bico Preto TM 814*.

199542. No. 1492. *Boa Vista TM 806*.

199543. No. 1503. *Brazilero Perla TM 2220*.

199544. No. 1491. *Cateoa Dourado TM 808*.

199545. No. 1496. *Cateto TM 815*.

199546. No. 1493. *Dourado Agulha TM 810*.

199547. No. 1494. *Dourado Lizeo TM 820*.

199548. No. 1490. *Dourado Peludo TM 803*.

199549. No. 1499. *Dourado TM 820*.

199550. No. 1497. *Jaguary Zongo TM 816*.



**199539 to 199554—Continued**

199551. No. 1501. *Matão Lizo* TM 824.

199552. No. 1488. *Peraiba* TM 822.

199553. No. 1502. *Secano do Brazil* TM 1377.

199554. No. 1487. *Shapajillan* TM 825.

**199555 to 199642.**

From California. Plants growing at the Huntington Garden, San Marino.  
Numbered Mar. 6, 1952.

Collected in Mexico, by H. S. Gentry, in 1951 and 1952.

199555. AGAVE SCHOTTII Engelm. Amaryllidaceae.

No. 11343. Bahia San Carlos, Sonora.

199556. AGAVE sp.

No. 11346. Isolata Almagre Grande, Bahia Guaymas, Sonora.

199557. AGAVE CHRYSOGLOSSA Johnst.

No. 11349. San Pedro Nolasco Island, Gulf of California.

199558. AGAVE sp.

No. 11359. Guaymas, Sonora.

199559. AGAVE FOURCROYDES Lem.

No. 11361. Obregon plantation, 12 miles southeast of Obregon, Sonora.

199560. AGAVE SCHOTTII Engelm.

No. 11366. Bachaca, Sonora.

199561. AGAVE COLORATA Gentry.

No. 11368. Bachaca, Sonora.

199562. AGAVE sp.

No. 11374. *Jaiboli*. Two miles northwest of Conejos, Arroyo Guajaray, Sonora.

199563. AGAVE sp.

No. 11378. Sierra de Potrero, 25 miles northwest of San Bernardo, Sonora.

199564. AGAVE sp.

No. 11380. *Jaiboli*. Sierra de Potrero, 25 miles northwest of San Bernardo, Sonora.

199565. AGAVE sp.

No. 11381. *Mescal verde*. Sierra de Potrero, 25 miles northwest of San Bernardo, Sonora.

199566. AGAVE BOVICORNUTA Gentry.

No. 11382. Rancho Conejos, Arroyo Guajaray, Sonora.

199567. AGAVE HARTMANNII Wats.

No. 11384. Sierra Saguaribo, Sonora.

199568. AGAVE sp.

No. 11385. Sierra Saguaribo, Sonora.

199569. AGAVE sp.

No. 11389. Sierra de Alamos, Sonora.

199570. YUCCA sp. Liliaceae.

No. 11393. *Sahuiliqui*, *Sahuiqui*. Jecopaco de los Flores, Rio Mayo, Chihuahua.

199571. AGAVE sp. Amaryllidaceae.

No. 11395. *Masahuari*. Jecopaco de los Flores, Chihuahua.

## 199555 to 199642—Continued

199572. AGAVE WOCOMAHÍ Gentry.

No. 11397. *Gocomaji*. Sierra Guicorichi, Chihuahua.

199573. AGAVE sp.

No. 11399. *Chahuíqui*. Sierra Guicorichi, Chihuahua.

199574. AGAVE sp.

No. 11402. Guasaremos, Chihuahua.

199575. AGAVE sp.

No. 11409. Near Choix, Sinaloa.

199576. AGAVE sp.

No. 11414. Rancho Nacimiento, 12 miles northeast of Choix, Sinaloa.

199577. AGAVE sp.

No. 11415. Cerro Babuyo, Sinaloa, 16 miles northeast of Choix.

199578. AGAVE sp.

No. 11421. Cerro Babuyo, Sinaloa, 16 miles northeast of Choix.

199579. AGAVE YAQUIANA Trel.

No. 11422. Cerro Babuyo, Sinaloa.

199580. AGAVE sp.

No. 11423. Eight miles southeast of Los Mochis, Sinaloa.

199581. AGAVE sp.

No. 11425. Topolobampo, Sinaloa.

199582. AGAVE sp.

No. 11429. Topolobampo, Sinaloa.

199583. AGAVE sp.

No. 11470. *Lechuguilla Costena*. Isla Lechuguilla, Sinaloa.

199584. AGAVE sp.

No. 11475. Los Agujitos, between Mocorito and Pericos, Sinaloa.

199585. AGAVE sp.

No. 11481. Isla Piedron, Mazatlán, Sinaloa.

199586. AGAVE TEQUILANA Weber.

No. 11483. Plantation near Concordia, Sinaloa.

199587. AGAVE sp.

No. 11485. Isla Creaton, Mazatlán, Sinaloa.

199588. AGAVE sp.

No. 11487. *Masparrilla*. Eight to twelve miles southeast of Escuinapa, Sinaloa.

199589. AGAVE sp.

No. 11489. *Pico de Burrion*. Primavera, Jalisco.

199590. AGAVE sp.

No. 11492. *Maguey Blanco*. Refugio de Paradon, Jalisco.

199591. AGAVE sp.

No. 11494. *Mescalillo*. Refugio de Paradon, Jalisco.

199592. AGAVE ATROVIRENS Karw.

No. 11496. Tepatitlán de Morelos, Jalisco.

199593. AGAVE sp.

No. 11498. Tepatitlán de Morelos, Jalisco.

**199555 to 199642—Continued****199594. AGAVE sp.**

No. 11500. About 20 miles south of San Luis Potosi. Top of grade on rolling volcanic hill.

**199595. AGAVE SCHIDIGERA Lem.**

No. 11502. About 14 miles southwest of San Luis Potosi.

**199596. AGAVE sp.**

No. 11504. Eleven miles southwest of San Luis Potosi.

**199597. AGAVE sp.**

No. 11506. Forty miles northeast of San Luis Potosi.

**199598. AGAVE FALCATA Engelm.**

No. 11508. Fifty miles northwest of San Luis Potosi, Highway 80.

**199599. AGAVE sp.**

No. 11510. Near Santo Domingo, San Luis Potosi, Highway 80.

**199600. AGAVE sp.**

No. 11510a. Atoyac, San Luis Potosi.

**199601. AGAVE sp.**

No. 11514. About 2 miles east of Mais, San Luis Potosi.

**199602. AGAVE sp.**

No. 11515. About 2 miles east of Mais, San Luis Potosi.

**199603. AGAVE sp.**

No. 11516. Eight to ten miles south of Mante, Tamaulipas, Highway 1.

**199604. AGAVE BRACTEOSA Wats.**

No. 11517. Canyon Huasteca, about 8 miles west of Monterey, Nuevo Leon.

**199605. AGAVE sp.**

No. 11519. Canyon Huasteca, about 8 miles west of Monterey, Nuevo Leon.

**199606. AGAVE LECHUGUILLA Torr.**

No. 11521. Canyon Huasteca, about 8 miles west of Monterey, Nuevo Leon.

**199607. AGAVE sp.**

No. 11524. Limestone mountain 6 miles southeast of Saltillo, Coahuila.

**199608. AGAVE VICTORIAE-REGINAE Moore.**

No. 11525. Limestone ridge 16 miles east of Saltillo, Coahuila.

**199609. AGAVE.**

No. 11528. Limestone ridge 16 miles east of Saltillo, Coahuila.

**199610. AGAVE.**

No. 11530. Limestone ridge 17 miles east of Saltillo, Coahuila.

**199611. AGAVE.**

No. 11532. Limestone ridge 17 miles east of Saltillo, Coahuila.

**199612. AGAVE sp.**

No. 11533. Fifteen miles east of Saltillo, Coahuila.

**199613. AGAVE sp.**

No. 11535. Limestone mountain 6 miles southeast of Saltillo, Coahuila.

**199614. AGAVE sp.**

No. 11536. Limestone ridge about 16 miles east of Saltillo, Coahuila.

**199615. AGAVE sp.**

No. 11539. Limestone ridge 16 miles east of Saltillo, Coahuila.

## 199555 to 199642—Continued

## 199616. AGAVE sp.

No. 11540. Limestone ridge 16 miles east of Saltillo, Coahuila.

## 199617. AGAVE BRACTEOSA Wats.

No. 11541. Limestone ridge 16 miles east of Saltillo, Coahuila.

## 199618. AGAVE ZONATA Trel.

No. 11542. Seven miles west of Saltillo, Coahuila.

## 199619. AGAVE sp.

No. 11544. Seven miles west of Saltillo, Coahuila.

## 199620. AGAVE PARRASANA Berger.

No. 11546. Sierra de Parras, Coahuila.

## 199621. AGAVE sp.

No. 11551. Palmito, Durango. Durango-Mazatlán road.

## 199622. MANFREDA sp. Amaryllidaceae.

No. 11558. Near Palmito, Durango.

## 199623. AGAVE sp. Amaryllidaceae.

No. 11565. María Madre Island, Tres Marías Islands, Nayarit.

## 199624. AGAVE sp.

No. 11567. María Madre Island, Tres Marías Islands, Nayarit.

## 199625. AGAVE sp.

No. 11569. Guasave, Sinaloa.

## 199626. AGAVE sp.

No. 11571. Near Jipon by Bahía Topolobampo, Sinaloa.

## 199627. AGAVE sp.

No. 11573. *Lechuguilla Coatena*. Isla Santa María of Topolobampo, Sinaloa.

## 199628. AGAVE sp.

No. 11576. Sebampo, about 15 miles southwest of Navojoa, Sonora.

## 199629. AGAVE sp.

No. 11577. *Lechuguilla Coatena*. Yavarros, Sonora. Old beach sand hills.

## 199630. AGAVE sp.

No. 11579. Yavarros, Sonora.

## 199631. AGAVE sp.

No. 11580. Guajaray scarp, north of Curopaco, Sonora.

## 199632. AGAVE sp.

No. 11586. Guajaray Rim, north of Curopaco, Sonora-Chihuahua boundary.

## 199633. AGAVE sp.

No. 11588. Guajaray Rim, north of Curopaco, Sonora-Chihuahua boundary.

## 199634. YUCCA sp. Liliaceae.

No. 11589. *Soco Socol*. Guajaray Rim, north of Curopaco, Sonora-Chihuahua boundary.

## 199635. AGAVE sp. Amaryllidaceae.

No. 11590. *Chahuíqui*. Guajaray Rim, north of Curopaco, Sonora-Chihuahua boundary.

## 199636. AGAVE sp.

No. 11605. *Jaiboli Ceniza*. Chigucu, near Navojoa, Sonora.

## 199637. AGAVE sp.

No. 11607. Sierra de Matape, Sonora.

## 199555 to 199642—Continued

199638. AGAVE sp.

No. 11610. Sierra de Matape, Sonora.

199639. AGAVE sp.

No. 11612. Two miles east of Nacori, Sonora.

199640. AGAVE sp.

No. 11615. *Mescal Pelon*. Sierrita de Lopez, about 35 miles northwest of Hermosillo, Sonora.

199641. AGAVE sp.

No. 11618. On valley plain about 3 miles northeast of Sierrita de Lopez, Sonora.

199642. AGAVE SCHOTTII Engelm.

No. 11620. Rancho Grande, about 15 miles northwest of Hermosillo, Sonora.

## 199643. STROPHANTHUS DIVARICATUS Hook. &amp; Arn. Apocynaceae.

From Switzerland. Seeds presented by Professor T. Reichstein, Bern, through J. Monachino, New York Botanical Garden, New York, N. Y. Received Mar. 6, 1952.

*R. E. D. 12-50.*

## 199644 to 199660.

From France. Cuttings presented by the Delbard Nurseries, Paris. Received Mar. 7, 1952.

199644. CYDONIA OBLONGA Mill. Malaceae.

Quince.

*Cognassiers de Provence.*

199645 to 199648. FRAGARIA. Rosaceae.

Strawberry.

199645. *Geant Simmen.*199647. *Precoce Musquee.*199646. *Hercule.*199648. *Regal.*

199649 and 199650. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

199649. *Elisa Rathke.*199650. *Rougedé Boskoop.*

199651. PRUNUS ARMENIACA L. Amygdalaceae.

Apricot.

*Vedette.*

199652. PRUNUS AVIUM L.

Sweet cherry.

*Bigarreux Pleureurs.*

199653 and 199654. PRUNUS Cerasus L.

Sour cherry.

199653. *Semperflorens.*199654. *Montmorency Pleureurs.*

199655 and 199656. PRUNUS DOMESTICA L.

Common plum.

199655. *Gloire d'Epinay.*199656. *Rein Claude Conducta.*

199657 to 199660. PYRUS COMMUNIS L. Malaceae.

Pear.

199657. *Alexandrine Douillard.*199659. *Jeanne d'Arc.*199658. *Epine du Mas (Duc de Bordeaux).*199660. *Sucree Rosee.*

## 199661. SOLANUM MURICATUM Ait. Solanaceae.

Pepino.

From Chile. Seeds presented by the Ministerio de Agricultura, Santiago. Received Mar. 7, 1952.

**199662 to 199665.**

From the Netherlands. Cuttings presented by the Institute of Horticultural Plant Breeding, Wageningen. Received Mar. 11, 1952.

199662. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

*Red Goudreinette.*

199663 to 199665. *PRUNUS AVIUM* L. Amygdalaceae.

**Sweet cherry.**

199663. *Early Rivers.*

199664. *Frans Maylingkers.*

199665. *Spithoven.*

**199666. ADESMIA sp. Fabaceae.**

From Argentina. Roots collected by Alan Beetle and Dario P. Bignoli, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 12, 1952.

No. S-H-91. West of Cañadón León, small island in Río Chico, near National Experiment Station, Santa Cruz. Feb. 29, 1952.

**199667 to 199672. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From the Netherlands. Tubers presented by the Rijks-Instituut voor Rassenonderzoek van Landbouwgewassen, Wageningen. Received Mar. 13, 1952.

199667. *Alpha.*

199670. *Eigenheimer.*

199668. *Bintje.*

199671. *Furore.*

199669. *Eersteling.*

199672. *Saskia.*

**199673 to 199676. PRUNUS AVIUM L. Amygdalaceae. Sweet cherry.**

From Sweden. Cuttings presented by the Statens Tradgards-forsok, Alnarp, Akarp. Received Mar. 13, 1952.

199673. *Horno I.*

199675. *Loftahammar.*

199674. *Horno II.*

199676. *Sestervik.*

**199677 to 199680. AVENA SATIVA L. Poaceae. Common oats.**

From Belgium. Seeds presented by the Zaaizaad-Inrichtingen, Brussels. Received Mar. 13, 1952.

199677. *Golden Rain.*

199679. *Sun 2.*

199678. *Star.*

199680. *Zenith.*

**199681 and 199682. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Iran. Seeds presented by H. V. Geib, Agricultural Attaché, American Embassy, Tehran. Received Mar. 13, 1952.

199681. *Garbouzeh Ivan-I-Kai.*

199682. *Garbouzeh Susky.*

**199683. LINUM USITATISSIMUM L. Linaceae.**

**Flax.**

From France. Seeds presented by the Agricultural Attaché, American Embassy, Paris. Received Mar. 13, 1952.

From the vicinity of Le Havre.

**199684 to 199696. MALUS SYLVESTRIS Mill. Malaceae.**

**Apple.**

From Denmark. Cuttings presented by Count F. M. Knuth, Knuthengorg, Bandholm. Received Mar. 14, 1952.

199684. *Jensen's Red Strain (Bogo strain).*

199685. *Crofton.*

199686. *Crow Egg.*

199687. *Geeveston Fanny.*

**199684 to 199696—Continued**

199688. *Gravenstein, Dark-Red.*  
 199689. *Gravenstein, Red Australian.*  
 199690. *Ikorocavka Alaja.*  
 199691. *Ingrid Marie, Schneider Strain.*  
 199692. *Oratia Beauty.*  
 199693. *Rome Beauty, Frimley Beauty Strain.*  
 199694. *Rome Beauty, Glengyle Red Strain.*  
 199695. *Rome Beauty, Red Australian Strain.*  
 199696. *Rosamund* (a strain of *James Grieve*).

**199697 to 199706. CITRUS spp. Rutaceae.**

From Italy. Seeds presented by the Stazione Sperimentale di Agrumicoltura, Acireale. Received Mar. 13, 1952.

199697 to 199700. CITRUS LIMON (L.) Burm. f. **Lemon.**

199697. *Cocuzzazo.* 199699. *Mouschello.*

199698. *Femminello.* 199700. *Interdonoto.*

199701. CITRUS RETICULATA Blanco. **Mandarin orange.**

*Avana.*

199702 to 199706. CITRUS SINENSIS (L.) Osbeck. **Orange.**

199702. *Biondo Comune.* 199705. *Ovaletto Sanguiquo.*

199703. *Moro.* 199706. *Sanguinello Moreat.*

199704. *Ovale o Calabure.*

**199707. PHORMIUM TENAX Forst. Liliaceae. New Zealand flax.**

From the Union of South Africa. Seeds obtained from the American Consul General, Cape Town. Received Mar. 17, 1952.

Originally from the island of St. Helena.

**199708 and 199709. LINUM USITATISSIMUM L. Linaceae. Flax.**

From Argentina. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela. Received Mar. 17, 1952.

199708. *Charrua MA.*

199709. *E2E3.*

**199710 to 199726. POPULUS spp. Salicaceae. Poplar.**

From the Netherlands. Cuttings presented by the Landbouw Hogeschool, Wageningen. Received Mar. 18, 1952.

199710.  $\times$  POPULUS BEROLINENSIS Koch.

199711. POPULUS DELTOIDES var. MISSOURIENSIS Henry.

199712.  $\times$  POPULUS ROBUSTA Schneid.

Received as *P. bachelieri*, a synonym of  $\times$  *P. robusta*.

199713.  $\times$  POPULUS CANADENSIS f. FRECTA (Selys-Longch.) Rehd.

199714. POPULUS EUGENI Simon-Louis.

199715.  $\times$  POPULUS ROBUSTA Schneid.

*Zwitserland No. 45.*

199716.  $\times$  POPULUS GELRICA Houtzag.

199717.  $\times$  POPULUS CANADENSIS var. MARILANDICA (Poir.) Rehd.

199718. POPULUS sp.

Received as *Populus musselinii*, an apparently unpublished name.

**199710 to 199726—Continued**199719. × *POPULUS CANADENSIS* var. *REGENERATA* (Henry) Rehd.199720. × *POPULUS CANADENSIS* var. *SEROTINA* (Hartig) Rehd.199721. × *POPULUS ROBUSTA* Schneid.199722. × *POPULUS VERNIRUBENS* Henry.199723. *POPULUS*.*I 30.*199724. *POPULUS*.*I 214.*199725. *POPULUS NIGRA* L.**Black poplar.**199726. *POPULUS NIGRA* var. *ITALICA* Muenchh.**Lombardy poplar.****199727 to 199732.**

From American Samoa. Presented by the Hawaiian Sugar Planters' Association Station, Pagopago. Received Mar. 18, 1952.

199727 and 199728. *MISCANTHUS JAPONICUS* (Thunb.) Oerst. Poaceae.199727. *Vailoatai*. (Seeds.)

199728. (Cuttings.)

199729 to 199732. *SACCHARUM*. Poaceae.**Sugarcane.**199729. *Tolo Fua Lau I*.199731. *Tolo Mumu*.199730. *Tolo Limu*.199732. *Vae Vae Ula*.**199733 to 199737. VITIS VINIFERA L. Vitaceae. European grape.**

From Switzerland. Cuttings presented by the Versuchsanstalt für Obst, Wein and Gartenbau, Wädenswil. Received Mar. 26, 1952.

199733. *Bh V 2/59*.199736. *Bl 10/16*.199734. *St. II*.199737. *PI a/4*.199735. *K 10/8*.**199738. FICUS CARICA L. Moraceae.****Common fig.**

From Turkey. Cuttings presented by the Director of Agriculture, Erzincan. Received Mar. 26, 1952.

*Akca*.**199739 to 199741.**

From the Philippine Islands. Seeds presented by the Department of Agriculture and Natural Resources, Manila. Received Mar. 26, 1952.

199739. *CENTROSEMA PUBESCENS* Benth. Fabaceae.199740. *PHASEOLUS AUREUS* Roxb. Fabaceae.**Mung bean.**199741. *PHASEOLUS CALCARATUS* Roxb.**Rice bean.****199742. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From Canada. Seeds presented by the Department of Agriculture, Ottawa. Received Mar. 26, 1952.

Philippine selection.

**199743. ONGOKEA KLAINIANA Pierre. Olacaceae.**

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Mar. 31, 1952.



**199744 to 199746.**

From Argentina. Roots collected by Alan Beetle and Dario P. Bignoli, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 19, 1952.

Collected in March 1952.

**199744.** *ADESMIA* sp. Fabaceae.

No. R-250. Esquel, Chubut.

**199745.** *CHUSQUEA CULEOU* f. *LONGIRAMEA* Parodi. Poaceae.

**Bamboo.**

No. H-S-238. Futalaufquén, Chubut.

**199746.** *SISYRINCHUM STRIATUM* J. E. Sm. Iridaceae.

No. R-254. West of Esquel, Chubut.

**199747 to 199758.** *FRAGARIA*. Rosaceae.

**Strawberry.**

From England. Plants presented by the Kingsley Fruit Farms and Nursery, Ltd., Kingsley, Bordon. Received Mar. 19, 1952.

**199747.** *Cambridge* No. 54.

**199753.** *Cambridge* No. 468.

**199748.** *Cambridge* No. 134.

**199754.** *Cambridge* No. 490.

**199749.** *Cambridge* No. 260.

**199755.** *Cambridge* No. 614.

**199750.** *Cambridge* No. 276.

**199756.** *Cambridge* No. 641.

**199751.** *Cambridge* No. 422.

**199757.** *Cambridge* No. 679.

**199752.** *Cambridge* No. 456.

**199758.** *St. Fiacre*.

**199759.** *TRITICUM AESTIVUM* L. Poaceae.

**Common wheat.**

From Greece. Seeds presented by the Agricultural Attaché, American Embassy, Athens. Received Mar. 19, 1952.

G/38-290.

**199760 and 199761.** *TRIFOLIUM ALPESTRE* L. Fabaceae.

From the Netherlands. Seeds obtained from Ir. C. Koopman, Central Bureau, Hoofddorp. Received Mar. 19, 1952.

**199760.** Originally from the Botanic Garden, Copenhagen, Denmark.

**199761.** Originally from the Botanic Garden, Uppsala, Sweden.

**199762.** *PYRUS COMMUNIS* L. Malaceae.

**Pear.**

From England. Cuttings presented by W. Hopwood and Son, Ltd., Cheltenham. Received Mar. 20, 1952.

*Bristol Cross.*

**199763 to 199768.** *DIOSCOREA FLORIBUNDA* Mart. & Gal. Dioscoreaceae.

From Guatemala. Tubers obtained through Merck and Company, Rahway, N. J. Received Mar. 20, 1952.

**199763.** No. 1.

**199766.** No. 4.

**199764.** No. 2.

**199767.** No. 5.

**199765.** No. 3.

**199768.** No. 6.

**199769.** *FAGOPYRUM TATARICUM* (L.) Gaertn. Polygonaceae.

**Buckwheat.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 20, 1952.

A special strain with very high rutin content; a tetraploid form for which W. J. Sando has suggested the name "*Tetra-tataricum*."

**199770 and 199771. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From Tunisia. Seeds from an unknown donor. Received Mar. 21, 1952.

199770. *Lunari*.

199771. *Saisons*.

**199772 to 199774. GOSSYPIMUM. Malvaceae. Cotton.**

From Argentina. Seeds presented by the Centro Regional de Investigaciones Agrícola del Nordeste, Buenos Aires. Received Mar. 21, 1952.

199772. *J. Brebbia* 344.

199773. *Las Breñas* 16.

199774. *Sáenz Pana* 310.

**199775. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.**

From Sweden. Seeds presented by the Fran Allmanna Svenska Utsadesaktiebolaget, Svalöf. Received Mar. 21, 1952.

*Silo*.

**199776 to 199784.**

From Canada. Seeds presented by the Department of Agriculture, Ottawa. Received Mar. 21, 1952.

199776. *ASTRAGALUS ADSURGENS* Pall. Fabaceae.

Yellowknife, Northwest Territories. Common in sand.

199777. *ASTRAGALUS FRIGIDUS* var. *AMERICANUS* (Hook.) S. Wats.

Yellowknife, Northwest Territories. Common in sand.

199778. *ASTRAGALUS CANADENSIS* L.

Shore of Ottawa River, Ontario.

199779. *ASTRAGALUS CARYOCARPUS* Ker.

Near Macleod, Alberta. Dry prairie.

199780. *ASTRAGALUS MISSOURIENSIS* Nutt.

Northwest of Pincher Creek, Alberta.

199781. *DESMODIUM CANADENSE* (L.) DC. Fabaceae.

Old dump, Ottawa, Ontario.

199782. *HEDYSARUM ALPINUM* var. *AMERICANUM* Michx. Fabaceae.

199783. *HEDYSARUM CINERASCENS* Rydb.

Near Macleod, Alberta.

199784. *LUPINUS LEUCOPSIS* Agardh. Fabaceae.

Milk River, Del Bonita area, Alberta. Dry slope.

**199785. POUTERIA UCUQUI Pires & Schultes. Sapotaceae.**

From Colombia. Seeds collected by Richard E. Schultes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Mar. 21, 1952.

From Rio Apaporis, Vaupés.

**199786 to 199788. BRASSICA spp. Brassicaceae.**

From the Netherlands. Seeds presented by C. Beemsterboer, Warmenhuizen. Received Mar. 21, 1952.

199786 and 199787. *BRASSICA OLERACEA* var. *CAPITATA* L.

**Cabbage.**

199786. Leaves red.

199787. Leaves white.

199788. *BRASSICA OLERACEA* var. *GEMMIFERA* DC.

**Brussels sprouts.**

*Sanda*.

**199789. PYRUS COMMUNIS L. Malaceae. Pear.**

From Italy. Cuttings presented by the University of Florence, Florence. Received Mar. 24, 1952.

*Santa Maria.*

**199790. MALUS FUSCA var. DIVERSIFOLIA (Bong.) C. Schneid. Malaceae.**

From Alaska. Seeds collected at the Agricultural Experiment Station, Palmer. Received Mar. 24, 1952.

**199791. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.**

From British Guiana. Seeds presented by Carrol L. Klotzbach, Hydroponic Farm, Atkinson Field. Received Mar. 24, 1952.

**199792 to 199816. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Peru. Seeds presented by La Molina Experiment Station, La Molina. Received Mar. 24, 1952.

199792. No. 1. *II. 119. 45. 1. R. 1.*

199793. No. 2. *II. 129. 46; (Maria Escobar × Kenya 58) × Kenya 58.*

199794. No. 3. *II. 129. 46; (Revard × H44-24-716) × Rhodesian C. 12273.*

199795. No. 4. *II. 129. 46; Klein 40 C 9606 × Kenya 58.*

199796. No. 5. *II. 129. 46; Garnet × Kenya 58.*

199797. No. 6. *II. 129. 46; Renown Minn. 11625 × Rhodesian C. 12273.*

199798. No. 7. *II. 129. 46; Rhodesian C. 12273 × N. A. 101.*

199799. No. 8. *II. 129. 46; Mc. Muracchy Minn. #2698 × Baladi.*

199800. No. 9. *II. 132. 46; Kenya 58 × Mc. Muracchy Minn. #2698.*

199801. No. 10. *II. 137. 46; (Maria Escobar × Mc. Muracchy Minn. #2698) × Maria Escobar.*

199802. No. 11. *II. 137. 46; Maria Escobar × H 44-Marquis C. I. 11782.*

199803. No. 12. *II. 137. 46; Maria Escobar × AV.18/1. 1. 1. 1.*

199804. No. 13. *II. 139. 46; Maria Escobar × Baladi.*

199805. No. 14. *II. 141. 46; Industrial Argentine.*

199806. No. 15. *II. 145. 46; Maria Escobar × N. A. 101.*

199807. No. 16. *II. 145. 46; Maria Escobar × H-44 Marquis C. I. 11782.*

199808. No. 17. *II. 148. 46.*

199809. No. 18. *II. 6. 42. 1. R. 1.*

199810. No. 19. *II. 59. 44.*

199811. No. 20. *II. 59. 44.*

199812. No. 21. *II. 88. 44.*

199813. No. 22. *II. 49. 43.*

199814. No. 23. *D. G. V. 1232.*

199815. No. 24. *Marina "50".*

199816. No. 25. *Mariacke "50".*

**199817. LESPEDeza STRIATA (Thunb.) Hook. & Arn. Fabaceae.**

From India. Seeds presented by P. N. Nog, Upper Shillong Farm, Assam. Received Mar. 24, 1952.

**199818 to 199820.**

From Italy. Seeds presented by the Instituto Experimentale Zootechnico, Rome. Received Mar. 24, 1952.

199818. *HEDYSARUM CORONARIUM L. Fabaceae.*

**Sulla.**

199819. *PICRIS* sp. **Asteraceae.**

199820. *SCORPIURUS MURICATA L. Fabaceae.*

**199821 to 199830.**

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received Mar. 24, 1952.

199821. *IMPERATA CYLINDRICA* (L.) Beauv. Poaceae.

199822. *LATHYRUS OCHRUS* (L.) DC. Fabaceae.

199823. *MEDICAGO CILIARIS* (L.) All. Fabaceae.

199824. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

199825. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.

199826 to 199828. *PHASEOLUS ACUTIFOLIUS* A. Gray. Fabaceae.

199826. Seeds white.

199827. Seeds yellow.

199828. Seeds black.

199829. *TRIFOLIUM ANGUSTIFOLIUM* L. Fabaceae.

199830. *TRIFOLIUM ISTHOCARPUM* Brot.

**199831 to 199838.**

From India. Seeds presented by the Royal Agri-Horticultural Society of India, Calcutta. Received Mar. 24, 1952.

199831 to 199837. *ALTHAEA*. Malvaceae.

199831. (G.)

199835. (M.)

199832. (H.)

199836. (P.)

199833. (K.)

199837. (R.)

199834. (L.)

199838. *MALVA SYLVESTRIS* L. Malvaceae.

**199839 to 199848. AVENA SATIVA L. Poaceae.**

Common oats.

From the Union of South Africa. Seeds presented by the Stellenbosch-Elsenburg College of Africa, Stellenbosch, Cape Province. Received Mar. 24, 1952.

199839. *S. E. 3038*.

199840. *Van der Byl*.

199841. *Bond* × *10 Gold*.

199842. (*602-6/1 Jongensklip* × *Boone*) × *Bond*.

199843. (*602-6/3 Jongensklip* × *Boone*) × *Bond*.

199844. (*602-6/6 Jongensklip* × *Boone*) × *Bond*.

199845. (*602-10/3 Jongensklip* × *Boone*) × *Bond*.

199846. (*612-2 Van der Byl* × *Bond*) × *Boone*.

199847. (*630-1/8 Smyrna* × *Boone*) × *Bond*.

199848. *Jongensklip*.

**199849 to 199854. TRITICUM AESTIVUM L. Poaceae.**

Common wheat.

From the Union of South Africa. Seeds presented by the Potchefstroom College of Agriculture, Potchefstroom, Transvaal. Received Mar. 24, 1952.

199849. *Maluti*; (*H44-24* × *39W73*) × *Scheepers*.

199850. *149-1-M*; (*C17-1-1-1* × *Scheepers*) × (*39W61* × *Kenya B*).

199851. *117-M*; (*Scheepers* × *39W75*) × (*C17-1-1-1* × *Scheepers*).

199852. *Kruger*.

199853. *122-M* (red); (*H44-24* × *39W73*) × (*C17-1-1-1* × *Scheepers*).

199854. *122-M* (white); (*H44-24* × *39W73*) × (*C17-1-1-1* × *Scheepers*).

**199855 to 199872.**

From Australia. Seeds presented by Dr. William Hartley, Principal Plant Introduction Officer, Canberra, A. C. T. Received Mar. 24, 1952.

Origin of material, when known, is indicated.

**199855.** *ANDROPOGON GAYANUS* Kunth. Poaceae.

Nigeria.

**199856.** *ANDROPOGON GAYANUS* var. *SQUAMULATUS* (Hochst.) Stapf.

Brazil.

**199857.** *ANDROPOGON HALLII* Hack.

Brazil.

**199858.** *ANDROPOGON LATERALIS* Nees.

Brazil. (Grown from P. I. 164054.)

**199859.** *ANDROPOGON PANICULATUS* Lam.

Argentina. (Grown from P. I. 162776.)

**199860.** *ANDROPOGON SACCHAROIDES* Swartz.

Argentina. (Grown from P. I. 162777.)

**199861.** *ANDROPOGON ISCHAEMUM* L.

No. 11408.

**199862.** *CHRYSOPOGON LATIFOLIUS* S. T. Blake. Poaceae.

No. C-134.

**199863.** *CYMBOPOGON BOMBYCINUS* (R. Br.) Domin. Poaceae.

No. C-135.

**199864.** *ANDROPOGON SERICEUM* R. Br. Poaceae.

No. C-130.

**199865.** *HETEROPOGON CONTORTUS* (L.) Beauv. Poaceae.

No. C-143.

**199866.** *ISEILEMA VAGINIFLORA* Domin. Poaceae.

No. C-146.

**199867.** *PSEUDOPOGONATHERUM IRRITANS* (R. Br.) A. Canus. Poaceae.

No. C-144.

**199868.** *SORGHUM ALMUM* Parodi. Poaceae.

Argentina.

**199869.** *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

South Africa.

**199870.** *SORGHUM INTRANS* F. Muell.

Australia.

**199871.** *SORGHUM PLUMOSUM* (R. Br.) Beauv.

Australia.

**199872.** *SORGHUM VULGARE* Pers.

Costa Rica.

**199873 to 199939. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.**

From India. Seeds presented by the India Council of Agricultural Research, New Delhi. Received Mar. 24, 1952.

**199873.** No. 1. A 74.

**199874.** No. 2. B 76.

**199875.** No. 3. A. L. S. S. 300.

**199873 to 199939—Continued**

199876. No. 4. *A. L. S. S. 400.*  
199877. No. 5. *Annigeri 72.*  
199878. No. 6. *Local.*  
199879. No. 7. *1 Annigeri 2-34.*  
199880. No. 8. *2 Annigeri 6-68.*  
199881. No. 9. *3 Annigeri 2-102.*  
199882. No. 10. *4 Annigeri 11-10.*  
199883. No. 11. *5 Annigeri 16-55.*  
199884. No. 12. *6 Annigeri 2-10-10.*  
199885. No. 13. *7 Annigeri 16-49-12.*  
199886. No. 14. *8 Indi 8.*  
199887. No. 15. *9 Indi 52.*  
199888. No. 16. *10 Indi 72.*  
199889. No. 17. *11 Indi 62-13.*  
199890. No. 18. *12 Indi 101.*  
199891. No. 19. *13 Hungund 2.*  
199892. No. 20. *14 Hungund 34.*  
199893. No. 21. *15 Bijapur 13.*  
199894. No. 22. *16 Bijapur 44.*  
199895. No. 23. *17 Bagewadi 90.*  
199896. No. 24. *18 Hippargi 104.*  
199897. No. 25. *19. Local.*  
199898. No. 26. *Local.*  
199899. No. 27. *1 Wai 1-1.*  
199900. No. 28. *2 Wai 2-6.*  
199901. No. 29. *3 Wai 2-15.*  
199902. No. 30. *4 Sirur 1-8.*  
199903. No. 31. *5 Sanka 1-1.*  
199904. No. 32. *6 Sangamner 2-10.*  
199905. No. 33. *7 Malsiras 1-6.*  
199906. No. 34. *8 Yeola 2-1.*  
199907. No. 35. *9 Yeola 1-4.*  
199908. No. 36. *10 Sinner 1-11.*  
199909. No. 37. *11 Nandurbar 2-5.*  
199910. No. 38. *12 Gokak 1-7.*  
199911. No. 39. *13 Dahiwadi 1-1.*  
199912. No. 40. *14 Dahiwadi 1-3.*  
199913. No. 41. *15 Dahiwadi 1-6.*  
199914. No. 42. *16 Dahiwadi 1-7.*  
199915. No. 43. *17 Dahiwadi 1-8.*  
199916. No. 44. *18 Mayni 1-1.*  
199917. No. 45. *19 Mayni 1-2.*  
199918. No. 46. *20 Mayni 4-10.*  
199919. No. 47. *21 Kopargaon 2-10.*

**199873 to 199939—Continued**

199920. No. 48. *22 Umbraj 1-9.*  
 199921. No. 49. *23 Bailhongal 1-6.*  
 199922. No. 50. *24 Sawadatti 1-1.*  
 199923. No. 51. *25 Gadag 2-1.*  
 199924. No. 52. *26 Gadag 3-6.*  
 199925. No. 53. *27 Bijapur 1-11.*  
 199926. No. 54. *28 Athani 2-1.*  
 199927. No. 55. *29 Navalgund 2-1.*  
 199928. No. 56. *30 Dharwar 1-2.*  
 199929. No. 57. *1 N-630.*  
 199930. No. 58. *2 62-6.*  
 199931. No. 59. *62-8.*  
 199932. No. 60. *1 Soundatti 1-1-1-4.*  
 199933. No. 61. *2 Galgali.*  
 199934. No. 62. *3 Bailhongal 1-1-2-4.*  
 199935. No. 63. *4 Gadag 1-2-3-4.*  
 199936. No. 64. *5 Dharwar 1-1-5.*  
 199937. No. 65. *6 M. K. Hubli 4-7-3.*  
 199938. No. 66. Local.  
 199939. No. 67. Local.

**199940 to 199997.**

From Ethiopia. Seeds collected by E. S. Archibald, Food and Agriculture Organization of the United Nations, Addis Ababa. Received Mar. 24, 1952.

Unless otherwise stated, material is from Addis Ababa.

199940 and 199941. *AMMI COPTICUM* L. Apiaceae.

199940. Jimma.

199941. Ambo.

199942. *ANDROPOGON* sp. Poaceae.

No. 254.

199943. *ANDROPOGON* sp.

No. 255.

199944. *ANDROPOGON* sp.

No. 309.

199945. *ANDROPOGON* sp.

(No data.)

199946. *BRACHIARIA* sp. Poaceae.

199947 to 199949. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae. **Cabbage.**

199947. Ambo.

199948. Ambo.

199949. Gondar.

199950. *BRASSICA CARINATA* A. Br.

Jimma.

199951. *CAPSICUM FRUTESCENS* L. Solanaceae.

Ambo.

**Redpepper.**

## 199940 to 199997—Continued

199952. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**  
 Ambo.
199953. *CENCHRUS* sp. Poaceae.
199954. *CHLORIS* sp. Poaceae.  
 No. 302.
199955. *CHLORIS* sp.  
 No. 307.
199956. *CROTALARIA* sp. Fabaceae.
199957. *DACTYLOCTENIUM AEGYPTIUM* (L.) Richter. Poaceae.
199958. *DIGITARIA* sp. Poaceae.
199959. *ERAGROSTIS TEF* (Zuccagni) Trotter. Poaceae. **Teff.**  
 Jimma.
199960. *HORDEUM* sp. Poaceae. **Barley.**  
 Ambo.
199961. *HORDEUM* sp.  
 Badessa.
199962. *HORDEUM* sp.  
 Gondar.
199963. *HORDEUM* sp.  
 Gore.
199964. *HORDEUM* sp.  
 Talouso.
199965. *HORDEUM* sp.  
 Watcho.
199966. *INDIGOFEA* sp. Fabaceae.  
 Harar.
199967. *LATHYRUS CICERA* L. Fabaceae.  
 Ambo.
- 199968 to 199970. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**  
 199968. Ambo.  
 199969. Baco.  
 199970. Talouso.
199971. *MEDICAGO* sp. Fabaceae.  
 Harar.
199972. *MEDICAGO* sp.  
 No. 245.
- 199973 and 199974. *NIGELLA SATIVA* L. Ranunculaceae. **Black cumin.**  
 199973. Gondar.  
 199974. Ambo.
- 199975 and 199976. *PENNISETUM CILIARE* (L.) Link. Poaceae. **Buffelgrass.**  
 199975. No. 260.  
 199976. No. 261.
199977. *PENNISETUM* sp.
199978. *VIGNA* sp. Fabaceae.



## 199940 to 199997—Continued

199979. *RICINUS COMMUNIS* L. Euphorbiaceae. Castorbean.  
Ambo.
- 199980 and 199981. *LEPIDIUM SATIVUM* L. Brassicaceae. Garden cress.  
199980. Ambo.  
199981. Jimma.
199982. *SETARIA* sp. Poaceae.
199983. *SNOWDENIA POLYSTACHYA* (Fresen.) Pilger. Poaceae.
199984. *SORGHUM VULGARE* Pers. Poaceae.  
Ambo.
199985. *STYLOSANTHES* sp. Fabaceae.
199986. *TRICHOLAENA TENERIFFAE* (L.) Link. Poaceae.
199987. *TRIFOLIUM* sp. Fabaceae.  
No. 243.
199988. *TRIFOLIUM* sp.  
No. 244.
199989. *TRIFOLIUM* sp.  
No. 297.
- 199990 and 199991. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.  
199990. Ambo.  
199991. Jimma.
- 199992 to 199996. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.  
199992. Ambo. 199995. Jimma.  
199993. Ambo. (Mixture.) 199996. Watcho.  
199994. Gondar.
199997. *HORDEUM* sp. Poaceae. Barley.  
Ambo. (Mixture.)

## 199998 to 200004.

From Ethiopia. Seeds collected by Ed Morrison, Oklahoma Agricultural and Mechanical College, Stillwater, Okla. Received Mar. 26, 1952.

199998. *BRASSICA JUNCEA* (L.) Coss. Brassicaceae. Chinese mustard.  
*Gomenza*.
199999. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.  
*Dimbila*.
- 200000 and 200001. *GUIZOTIA ABYSSINICA* (L. f.) Cass. Asteraceae.  
200000. Seeds black.  
200001. Seeds brown.
200002. *LENS CULINARIS* Medic. Fabaceae. Lentil.  
*Misser*.
200003. *PISUM SATIVUM* L. Fabaceae. Pea.  
*Atar*.
200004. *VICIA FABA* L. Fabaceae. Broadbean.  
*Bakala*.

**200005 and 200006. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From the Netherlands. Tubers presented by the Institut voor Rassenonderzoek van Landbouwgewassen, Wageningen. Received Mar. 26, 1952.

200005. *Geelblond*.

200006. *Marta*.

**200007 to 200009. POPULUS. Salicaceae. Poplar.**

From Sweden. Plants presented by the Association of Forest Tree Breeding, Ekebo, Källstorp. Received Mar. 27, 1952.

200007. *51-1*.

200008. *51-2*.

200009. *51-3*.

**200010 to 200051. PRUNUS spp. Amygdalaceae.**

From England. Plants purchased from Hillier and Sons, Winchester. Received Mar. 27, 1952.

200010. *PRUNUS*.

*P. communis* × *persica*.

200011. *PRUNUS ARMENIACA* var. *ANSU* Maxim.

200012 and 200013. *PRUNUS CAMPANULATA* Maxim.

200012. Typical form.

200013. *Plena*.

200014. *PRUNUS CANESCENS* Bois.

200015. *PRUNUS CERASOIDES* D. Don.

**Sikkim cherry.**

*Rubra*.

200016. *PRUNUS CORNUTA* (Wall.) Steud.

**Himalayan bird cherry.**

200017. *PRUNUS CYCLAMINA* Koehne.

200018. × *PRUNUS DASYCARPA* Ehrh.

**Plum-apricot.**

200019 and 200020. *PRUNUS DAVIDIANA* (Carr.) Franch.

200019. Typical form.

200020. *Rubra*.

200021. × *PRUNUS DAWYCKENSIS* Sealy.

200022. *PRUNUS DIELSIANA* var. *LAXA* Koehne.

200023. *PRUNUS FENZLIANA* Fritsch.

200024. *PRUNUS FRUTICOSA* Pall.

**Bush cherry.**

*Variegata*.

200025. *PRUNUS INCISA* × *SARGENTII*.

200026. *PRUNUS INCISA* Thunb.

**Mame cherry.**

200027. *PRUNUS INCISA* × *CAMPANULATA*.

*Okame*.

200028. × *PRUNUS JUDDII* E. Anderson.

*Prunus sargentii* × *yedoense*.

200029. *PRUNUS KANSUENSIS* Rehd.

200030. *PRUNUS NIPPONICA* var. *KURILENSIS* (Miyabe) Wilson.

200031 to 200035. *PRUNUS LAUROCERASUS* L.

**English cherry-laurel.**

200031. *Camelliaefolia*.

200034. *Rotundifolia*.

200032. *Caucasica*.

200035. *Zabeliana*.

200033. *Latifolia*.

## 200010 to 200051—Continued

- 200036 to 200038. *PRUNUS LUSITANICA* L. Portugal-laurel.  
 200036. Typical form.  
 200037. *Azorica*.  
 200038. *Myrtifolia*.

200039. *PRUNUS* sp.

Received as *Prunus magus*, an apparently unpublished name.

200040. *PRUNUS MANDSHURICA* (Maxim.) Koehne. Manchurian apricot.  
 200041 and 200042. *PRUNUS MUME* Sieb. & Zucc. Japanese apricot.  
 200041. *Alba*.  
 200042. *Alphandii*.

200043. *PRUNUS PROSTRATA* Labill. Mountain cherry.200044. *PRUNUS RUFA* Hook. f.200045. *PRUNUS SARGENTII* Rehder. Sargent cherry.200046. *PRUNUS SCOPARIA* (Spach) Schneid.200047. *PRUNUS SCOPULORUM* Koehne.200048. *PRUNUS SERRULA* (Batal.) Koehne.

*Tibetica*.

200049. *PRUNUS SERRULATA* (Lindl.) Oriental flowering cherry.

*Chrysanthemoides*.

200050. *PRUNUS SETULOSA* Batal.200051. *PRUNUS TANGUTICA* (Batal.) Koehne. Tangutian almond.

## 200052 to 200065.

From Japan. Seeds presented by Shigeto Fujimura, Ministry of Agriculture and Forestry, Tokyo. Received March 28, 1952.

200052 and 200053. *ABIES MARIESII* Masters. Pinaceae. Fir.

200052. No. 1.

200053. No. 2.

200054. *JUNIPERUS LITTORALIS* Maxim. Pinaceae. Juniper.200055. *JUNIPERUS RIGIDA* Sieb. & Zucc.200056 and 200057. *PICEA GLEHNII* (Schmidt.) Masters. Pinaceae. Spruce.

200056. No. 1.

200057. No. 2.

200058 and 200059. *PICEA JEZOENIS* (Sieb. & Zucc.) Carr.

200058. No. 1.

200059. No. 2.

200060. *PINUS THUNBERGII* Parl. Pinaceae. Japanese black pine.200061. *PODOCARPUS MACROPHYLLA* (Thunb.) Don. Taxaceae.200062 and 200063. *PODOCARPUS NAGI* (Thunb.) Pilger.

200062. No. 1.

200063. No. 2.

200064. *PSEUDOTSUGA JAPONICA* (Shiras.) Beiss. Pinaceae.200065. *TSUGA DIVERSIFOLIA* (Maxim.) Masters. Pinaceae. Japanese hemlock.

**200066 to 200073.**

From England. Plants presented by the East Malling Research Station, Kent.  
Received Mar. 28, 1952.

200066. *PRUNUS AVIUM* L. Amygdalaceae.

Sweet cherry.

200067 to 200070. *PRUNUS DOMESTICA* L.

Common plum.

200067. *Brompton*.

200069. *Marianna*.

200068. Common plum.

200070. *Myrobolan*.

200071 to 200073. *CYDONIA OBLONGA* Mill. Malaceae.

Quince.

200071. Quince A.

200072. Quince B.

200073. Quince C.

**200074 and 200075.**

From India. Seeds presented by the Indian Council of Agricultural Research,  
New Delhi. Received Mar. 28, 1952.

200074. *DESMODIUM TILIAEFOLIUM* (D. Don) G. Don. Fabaceae.

200075. *INDIGOFEA PULCHELLA* Roxb. Fabaceae.

**200076 and 200077. *Gossypium* spp. Malvaceae.**

Cotton.

From Greece. Seeds presented by the Cotton Research Institute, Sindos. Received Mar. 31, 1952.

200076. *Gossypium arboreum* L.

200077. *Gossypium*.

*G. barbadense* × *hirsutum* 53D7.

**200078 to 200104. *Linum usitatissimum* L. Linaceae.**

Flax.

From Australia. Seeds presented by Dr. William Hartley, Principal Plant Introduction Officer, Canberra, A. C. T. Received Mar. 31, 1952.

Originally from sources indicated.

200078. *Beladi*. Botany and Plant Breeding Station, Orman, Egypt.

200079 to 200081. Department of Agriculture, Perth, West Australia.

200079. *Beladi* Y. 6420.

200080. *Beladi* Y. 6903.

200081. *Beladi* Y. 6906.

200082 and 200083. University of La Plata, Argentina.

200082. *Benvenuto Labrador*.

200083. *Benvenuto Reale*.

200084 to 200087. Imperial Council of Agricultural Research, New Delhi, India.

200084. *Cawnpore* No. 483.

200086. *Cawnpore* No. 1193.

200085. *Cawnpore* No. 1150.

200087. *Cawnpore* No. 1206.

200088. University of La Plata, Argentina.

*La Prevision* 18.

200089 to 200093. Institute Central de Recherches Agronomique, Sofia, Bulgaria.

200089. No. 9.

200092. No. 1658.

200090. No. 1065.

200093. No. 2274.

200091. No. 1486.

200094. University of La Plata, Argentina.

*Querandi* M. A.

**200078 to 200104—Continued**

**200095 and 200096.** Department of Agronomic Research, Rabat, Morocco.

**200095.** *Recolte No. 0189.*

**200096.** *Recolte No. 0196.*

**200097.** Institute Central de Recherches Agronomique, Sofia, Bulgaria.

*Rijki.*

**200098.** Lyallpur, Punjab, India.

*Type 5.*

**200099 and 200100.** Institute of Plant Industry, Indore, Madhya Bharat, India.

**200099.** *Type 6.*

**200100.** *Type 11.*

**200101 and 200102.** Uruguay, through West Australia Department of Agriculture.

**200101.** *Uruguay 36/48.*

**200102.** *Uruguay 36/49.*

**200103.** University, Sydney, New South Wales.

Very pale blue, crimped.

**200104.** Cawnpore, India.

*1206.*

**200105 to 200114. SESAMUM INDICUM L. Pedaliaceae. Sesame.**

From Australia. Seeds presented by Dr. William Hartley, Principal Plant Introduction Officer, Division of Plant Industry, Canberra, A. C. T. Received Mar. 31, 1952.

Originally from sources indicated.

**200105.** *Baqour.* Egypt.

**200110.** *Yegyaw.* Burma.

**200106.** *Baktaung.* Burma.

**200111.** *43-15.* Venezuela.

**200107.** *Hnannet.* Burma.

**200112.** *48-1.* Venezuela.

**200108.** *Kafr. Hakim.* Egypt.

**200113.** *12383.* Ceylon.

**200109.** *Tashkentsky 122.* Soviet Union.

**200114.** *9530.* India.

**200115 to 200117. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Belgium. Tubers presented by the Station de Recherches de la Pomme de Terre, Libramont. Received Mar. 31, 1952.

**200115.** *Belle de Fonteney.*

**200116.** *Kitting.*

**200117.** *Limosa.*

**200118 and 200119. DIOSCOREA FLORIBUNDA Mart. & Gal.**

Dioscoreaceae.

From Guatemala. Tubers obtained through Merck and Company, Rahway, N. J. Received Apr. 1, 1952.

**200118.** Large tubers.

**200119.** Small tubers.

**200120. QUERCUS SUBER L. Fagaceae.**

**Cork oak.**

From Portugal. Seeds presented by an unknown donor, Lisbon. Received Apr. 2, 1952.

**200121 to 200123. BETA VULGARIS L. Chenopodiaceae. Beet.**

From Germany. Seeds presented by Rabbethge and Giesecke, Einbeck bei Hannover. Received Apr. 2, 1952.

A collection of sugarbeet varieties.

200121. *C. R. Gebeizt.*

200122. *E. Gebeizt.*

200123. *Polybeta Gebeizt.*

**200124 to 200137. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Sweden. Seeds presented by Sven A. Holmberg, Norrköping. Received Apr. 2, 1952.

200124. *201-14-2-1.*

200131. *201-14-18-25.*

200125. *201-14-10-2.*

200132. *201-14-18-48.*

200126. *201-14-10-3.*

200133. *201-14-18-53.*

200127. *201-14-11-6.*

200134. *201-14-18-55.*

200128. *201-14-18-9.*

200135. *201-14-18-56.*

200129. *201-14-18-11.*

200136. *634-29-4.*

200130. *201-14-18-23.*

200137. *634-29-87-8.*

**200138 to 200140. CERATONIA SILIQUA L. Caesalpiniaceae. Carob.**

From Yugoslavia. Cuttings presented by the University of Belgrade, Belgrade-Zemun. Received Apr. 3, 1952.

200138. *Domaci Krupni.*

200139. *Mekis.*

200140. *Sipanski.*

**200141 to 200167.**

From Mexico. Seeds collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 7, 1952.

200141. *ACACIA* sp. Mimosaceae.

No. 11432. Topolobampo, Sinaloa.

200142. *BRODIAEA* sp. Liliaceae.

Sierra Laguna, Baja California.

200143. *CARDIOSPERMUM* sp. Sapindaceae.

No. 11468. Topolobampo, Sinaloa.

200144. *CASSIA* sp. Caesalpiniaceae.

No. 11564. El Batel, Sinaloa.

200145. *FOUQUIERIA BURRAGEI* Rose. Fouquieriaceae.

No. 11309. Concepción, Baja California.

200146. *FOUQUIERIA* sp.

Southern Baja California.

200147. *GOSSYPIUM DAVIDSONII* Kellogg. Malvaceae.

No. 11197. Cape District, Baja California.

200148. *GOSSYPIUM* sp.

No. 11285. La Paz, Baja California.

200149. *HECHTIA* sp. Bromeliaceae.

No. 11235. Sierra Laguna, Baja California.

200150. *JACQUINIA PUNGENS* A. Gray. Theophrastaceae.

No. 11406. Los Tangues, Sonora.

**Cotton.**

**200141 to 200167—Continued**

**200151.** *JATROPHA CUNEATA* Wiggins & Rollins. Euphorbiaceae.

No. 11195. Canipole, Baja California.

**200152.** *LIPPIA PALMERI* S. Wats. Verbenaceae.

No. 11617. Sierrita de Lopez, Sonora.

**200153.** *MANIHOT* sp. Euphorbiaceae.

No. 11288. Comondú, Baja California.

**200154.** *MAXIMOWICZIA* sp. Cucurbitaceae.

No. 11241. Colonia Calles, Baja California.

**200155.** *MAXIMOWICZIA* sp.

No. 11449. Topolobampo, Sinaloa.

**200156.** *NOLINA* sp. Liliaceae.

No. 11419, Cerro Babullo, Sinaloa.

**200157.** *NOLINA BELDINGII* T. S. Brandeg.

No. 11226. Sierra Laguna, Baja California.

**200158.** *PHASEOLUS* sp. Fabaceae.

No. 11556. Palmito, Durango.

**200159.** *PLUCHEA* sp. Asteraceae.

No. 11523. Cañon Huasteca, Nuevo Leon.

**200160.** *QUERCUS* sp. Fagaceae.

Oak.

No. 11553. Palmito, Durango.

**200161.** *QUERCUS* sp.

No. 11554. Palmito, Durango.

**200162.** *QUERCUS* sp.

No. 11555. Palmito, Durango.

**200163.** *SABAL* sp. Phoenicaceae.

Palm.

No. 11604. Rancho Jacanal, Sonora.

**200164.** *SAPIUM* sp. Euphorbiaceae.

No. 11222. Sierra Laguna, Baja California.

**200165.** *SICYOS* sp. Cucurbitaceae.

Sierra Laguna.

**200166.** *SIMMONDSIA CHINENSIS* (Link) C. Schneid. Buxaceae.

Jojoba.

Colonia Calles, Cape District, Baja California.

**200167.** *VASEYANTHUS* sp. Cucurbitaceae.

No. 11351. Nolasco Island, Sonora.

**200168 and 200169.** *ZEA MAYS* L. Poaceae.

Corn.

From Mexico. Seeds presented by Dr. E. J. Wellhausen, Rockefeller Research Foundation, Mexico City. Received Apr. 7, 1952.

**200168.** *Cuba Amarillo*.

**200169.** *V-520 C*.

**200170 to 200176.** *DUBOISIA MYOFOROIDES* R. Br. Solanaceae.

From Australia. Seeds presented by Dr. William Hartley, Principal Plant Introduction Officer, Division of Plant Industry, Canberra, A. C. T. Received Apr. 7, 1952.

**200170.** No. 2287. Eumundi, southeastern Queensland.

**200171.** No. 2291. Surfer's Paradise, southeastern Queensland.

**200172.** No. 2294. Currumbin, southeastern Queensland.

**200170 to 200176—Continued**

200173. No. 2296. Currumbin, southeastern Queensland.

200174. No. 2302. Kendall, New South Wales.

200175. No. 2312. Camden Haven River, New South Wales.

200176. No. 2376. Innisfail, northern Queensland.

**200177 and 200178. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Spain. Seeds presented by the Estación de Horticultura, Valencia. Received Apr. 17, 1952.

200177. No. 1.

200178. No. 2.

**200179 to 200196. ZEA MAYS L. Poaceae.****Corn.**

From Israel. Seeds presented by the Agricultural Experiment Station, Neveh-Yaar, Haifa. Received Apr. 7, 1952.

A collection of inbred varieties.

200179. No. 3.

200188. No. 364.

200180. No. 51.

200189. No. 428.

200181. No. 65.

200190. No. 436.

200182. No. 159.

200191. No. 476.

200183. No. 162.

200192. No. 592.

200184. No. 166.

200193. No. 643.

200185. No. 188.

200194. No. 971.

200186. No. 288.

200195. No. 992.

200187. No. 318.

200196. No. 1000.

**200197 to 200205. ZEA MAYS L. Poaceae.****Corn.**

From Iowa. Open-pollinated varieties at the Plant Introduction Station, Ames, received from Dr. N. P. Neal, Agricultural Experiment Station, Madison, Wis. Numbered Apr. 7, 1952.

200197. *Dente de Rato*. Portugal.

200202. *Nostrano D'Eul Isola*. Italy.

200198. *Grand Roux Basque*. France

200203. *Pouyastruc*. France.

200199. *Marano Vicentino*. Italy.

200204. *Roux de Chalosse*. France.

200200. *Millette de Finhan*. France.

200205. *Scagliolo*. France.

200201. *Millette du Lauragais*. France.

**200206 to 200247.**

From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Received Apr. 7, 1952. Collected in the Coast Province.

200206. *ALYSICARPUS* sp. Fabaceae.

Prostrate plant similar to *Alysicarpus glumaceus*.

200207. *ALYSICARPUS* sp.

An erect woody plant, up to 3 feet high, in pure sand.

200208. *ATRIplex FARINOSA* Forsk. Chenopodiaceae.

200209. *CANAVALIA* sp. Fabaceae.

200210. *CASSIA* sp. Caesalpiniaceae.

No. 14.

200211. *CASSIA* sp.

No. 26.

200212. *CHLORIS* sp. Poaceae.

No. 5.



## 200206 to 200247—Continued

200213. CHLORIS sp.

No. 8.

200214. CONVULVULUS sp. Convolvulaceae.

200215. CROTALARIA sp. Fabaceae.

No. 10.

200216. CROTALARIA sp.

No. 20.

200217. CROTALARIA sp.

No. 28.

200218. CYPERUS sp. Cyperaceae.

200219. DACTYLOCTENIUM AEGYPTIUM (L.) Richter. Poaceae.

200220. DIGITARIA sp. Poaceae.

200221. ERAGROSTIS CILIARIS (L.) Link. Poaceae.

200222. HYPARRHENIA sp. Poaceae.

200223. INDIGOFERA sp. Fabaceae.

No. 8.

200224. INDIGOFERA sp.

No. 13.

200225. INDIGOFERA sp.

No. 23.

200226. INDIGOFERA sp.

No. 24.

200227. INDIGOFERA sp.

No. 27.

200228. INDIGOFERA sp.

No. 30.

200229. LEPTURUS REPENS R. Br. Poaceae.

200230. PENNISETUM CILIARE (L.) Link. Poaceae.

Buffelgrass.

200231. PENNISETUM sp.

200232. RHYNCHOSIA sp. Fabaceae.

No. 7.

200233. RHYNCHOSIA sp.

No. 9.

200234. RHYNCHOSIA sp.

No. 17.

200235. RHYNCHOSIA sp.

No. 19.

200236. RHYNCHOSIA sp.

No. 21.

200237. RHYNCHOSIA sp.

No. 22.

200238. SESBANIA sp. Fabaceae.

200239. TEPHROSIA sp. Fabaceae.

No. 5.

**200206 to 200247—Continued**200240. *TEPHROSIA* sp.

No. 11.

200241. *TEPHROSIA* sp.

No. 16.

200242. *TEPHROSIA* sp.

No. 29.

200243 to 200246. *VIGNA CYLINDRICA* (L.) Skeels. **Fabaceae.****Catjang.**

200243. No. 1.

200245. No. 3.

200244. No. 2.

200246. No. 4.

200247. *VIGNA* sp.**200248 to 200281.**

From New Jersey. Plants growing at the Agricultural Experiment Station,  
New Brunswick. Numbered Apr. 8, 1952.

200248 to 200279. *MALUS SYLVESTRIS* Mill. **Malaceae.****Apple.**200248. *Prisadka.*200265. *Tetovka Slatka.*200249. *Elifalma.*200266. *Tetovka Kisela.*200250. *Kabatcha.*200267. *Alamanka Ohridska Krat-*  
*kopetaglka.*200251. *Kisela Schutitsa.*200268. *Nisalka.*200252. *Biela.*

200269. (No data.)

200253. *Chavchitschka Divglaka.*200270. *Bihorka.*200254. *Kolatchara.*200271. *Toboglatcha.*200255. *Glashnitchka.*200272. *Hayvantia.*200256. *Kosharka.*200273. *Visuglka.*200257. *Budimka.*200274. *Biela Chehva.*200258. *Sharena Bistritsa.*200275. *Biela Samoniklica.*200259. *Kagnischak.*200276. *Slatka.*200260. *Butulia.*200277. *Rumenika.*200261. *Senabia Slatka.*200278. *Orglenika.*200262. *Sitna Sharenika.*200279. *Sharena Shumska.*200263. *Samoniklica Suta Shiglasta.*200264. *Senabia Kisela.*200280 and 200281. *PYRUS COMMUNIS* L. **Malaceae.****Pear.**200280. *Srendanka.*200280. *Patrčka.***200282 to 200310. *ZEAMAYS* L. **Poaceae.******Corn.**

From New York. Plant at the Brookhaven National Laboratory, Upton, L. I.  
Numbered Apr. 8, 1952.

First generation selfed lines from seeds originally received through Dr. Alois  
Tavcar, University of Zagreb, Zagreb, Yugoslavia.

200282. No. 1101.

200288. No. 1106.

200283. No. 1102.

200289. No. 1109.

200284. No. 1103.

200290. No. 1110.

200285. No. 1104.

200291. No. 1111.

200286. No. 1105.

200292. No. 1112.

200287. No. 1105.

200293. No. 1113.

**200282 to 200310—Continued**

200294. No. 1113.

200295. No. 1114.

200296. No. 1115.

200297. No. 1116.

200298. No. 1117.

200299. No. 1118.

200300. No. 1119.

200301. No. 1120.

200302. No. 1121.

200303. No. 1121.

200304. No. 1122.

200305. No. 1123.

200306. No. 1125.

200307. No. 1126.

200308. No. 1127.

200309. No. 1128.

200310. No. 1129.

**200311 to 200316.**

From Korea. Seeds collected by Major Samuel McClatchie, U. S. Marine Corps.  
Received Apr. 8, 1952.

From the vicinity of Kumwha.

200311. *ALLIUM THUNBERGII* G. Don. Liliaceae.200312 to 200314. *LILIUM AMABILE* Palibin. Liliaceae.

200312. A.

200313. B.

200314. C.

200315. *IRIS* sp. Iridaceae.

A.

200316. *IRIS* sp.

B.

**200317 and 200318. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From Tunisia. Seeds presented by the Service Botanique, Ariana. Received  
Apr. 8, 1952.

200317. A. *Dunari*.200318. B. *Lepaisons*.**200319 to 200322.**

From Denmark. Seeds presented by the Danish Seed and Field Exchange,  
Copenhagen. Received Apr. 8, 1952.

200319. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

Trifolium No. 69030. Selection from *Cocksfoot Olsgaard*.200320. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

Trifolium No. 71080. Selection from *Danish Lyngby*.200321. *FESTUCA RUBRA* L.

Creeping red fescue.

Trifolium No. 73060. Very hardy strain.

200322. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

Selection No. 01628.

**200323 to 200327. SACCHARUM. Poaceae.**

Sugarcane.

From Brazil. Cuttings presented by Dr. C. Wehlburg, Usina São José, Campos.  
Rio de Janeiro. Received Apr. 8, 1952.

200323. C. B. 36-24.

200326. C. B. 44-52.

200324. C. B. 38-22.

200327. C. B. 44-105.

200325. C. B. 40-77.

**200328. PHRAGMITES sp. Poaceae.**

From the Union of South Africa. Seeds presented by J. Leslie Parkhouse, Wonderhoogte Farm, Utrecht, Natal. Received Apr. 9, 1952.

**200329 to 200376.**

From Israel. Seeds presented by the Agricultural Experiment Station. Neveh-Yaar. Received Apr. 9, 1952.

200329. *ALOPECURUS ANTHOXANTHOIDES* Boiss. Poaceae.

200330. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

200331. *ARISTIDA CILIATA* Desf. Poaceae.

200332. *ARISTIDA PLUMOSA* L.

200333. *AVENA BARBATA* Brot. Poaceae.

200334. *BRACHYPODIUM DISTACHYON* (L.) Beauv. Poaceae.

200335. *BRIZA MAXIMA* L. Poaceae.

200336. *BROMUS SYRIACUS* Boiss. & Blanche. Poaceae.

200337. *BROMUS* sp.

200338. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

200339. *FESTUCA ARUNDINACEA* Schreb. Poaceae.

Tall fescue.

200340. *HORDEUM BULBOSUM* L. Poaceae.

Barley.

200341. *HORDEUM MARINUM* Huds.

200342. *HORDEUM SPONTANEUM* C. Koch.

200343. *INDIGOFERA* sp. Fabaceae.

200344. *LOLIUM GAUDINII* Parl. Poaceae.

200345. *LOLIUM RIGIDUM* Gaud.

200346. *LOTUS PALUSTRIS* Desf. Fabaceae.

200347. *LOTUS PEREGRINUS* L.

200348. *LUPINUS PILOSUS* Murray. Fabaceae.

200349. *MEDICAGO CILIARIS* (L.) All. Fabaceae.

200350. *MEDICAGO ORBICULARIS* (L.) All.

Buttonclover.

200351. *MEDICAGO ROTATA* Boiss.

200352. *MEDICAGO SCUTELLATA* (L.) Mill.

200353. *MEDICAGO TRIBULOIDES* Desr.

Snail medic.

200354. *MEDICAGO TUBERCULATA* (Retz.) Willd.

200355. *MELILOTUS ALBA* Desr. Fabaceae.

White sweetclover.

200356. *MELILOTUS INDICA* (L.) All.

Sweetclover.

200357. *MELILOTUS SEGETALIS* (Brot.) Ser.

200358. *MELILOTUS SICULA* Vitm.

200359. *ONOBRYCHIS SQUARROSA* Viv. Fabaceae.

200360. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.

200361. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook.

200362. *PENNISETUM CILIARE* (L.) Link. Poaceae.

Buffelgrass.

200363. *PHALARIS MINOR* Retz. Poaceae.

200364. *PHLEUM SUBULATUM* (Savi) Aschers. & Graebn. Poaceae.

200365. *PSORALEA BITUMINOSA* L. Fabaceae.

200366. *SORGHUM HALEPENSE* (L.) Pers. Poaceae.

Johnson grass.

200367. *TETRAGONOLOBUS PALAESTINUS* Boiss. Fabaceae.

200368. *TRIFOLIUM CAMPESTRE* Schreb. Fabaceae.

**200329 to 200376—Continued**200369. *TRIFOLIUM CHERLERI* Just.200370. *TRIFOLIUM FRAGIFERUM* L.

Strawberry clover.

200371. *TRIFOLIUM LAPPACEUM* L.200372. *TRIFOLIUM REPENS* L.

White clover.

200373. *TRIFOLIUM SPUMOSUM* L.200374. *VICIA GALEATA* Boiss. Fabaceae.200375. *VICIA NARBONENSIS* L.200376. *VICIA SATIVA* L.

Common vetch.

**200377 and 200378.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Apr. 9, 1952.

200377. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

*Minjon*. Originally from Minnesota.200378. *PYRUS COMMUNIS* L. Malaceae.

Pear.

*Josephine de Malines*. Originally from the Department of Agriculture, Sydney, New South Wales.

**200379 to 200381. CERATONIA SILIQUA** L. Caesalpiniaceae. **Carob.**

From Israel. Cuttings presented by Robert Ticho, Haifa. Received Apr. 9, 1952.

200379. *Algerian*.200380. *Cypriot* (Tillyria.)200381. *Sandalawy* (Local variety.)**200382. IRIS PUMILA** L. Iridaceae.

From Greece. Plants presented by Print Hudson, Agricultural Attaché, American Embassy, Athens. Received Apr. 9, 1952.

**200383. FICUS CARICA** L. Moraceae.

Common fig.

From Turkey. Cuttings presented by the Director of Agriculture, Erzincan. Received Apr. 10, 1952.

*Karayaprak*.**200384 and 200385. CITRUS** spp. Rutaceae.

From Colombia. Seeds presented by Hno. Roberto Maria, LaSalle, Bogotá. Received Apr. 11, 1952.

200384. *CITRUS LIMON* (L.) Burm. f.

Lemon.

200385. *CITRUS* sp.**200386 to 200391.**

From Tanganyika. Seeds presented by H. J. Van Rensburg, Central Breeding Station, Mpwapwa. Received Apr. 11, 1952.

200386. *CICER ARIETINUM* L. Fabaceae.

Chickpea.

200387. *CYNODON PLECTOSTACHYUM* (Schum.) Pilg. Poaceae.200388. *ELEusine CORACANA* (L.) Gaertn. Poaceae.

African millet.

200389. *PENNISETUM SPICATUM* (L.) Willd. Poaceae.

Pearl millet.

200390. *PENNISETUM PURPUREUM* Schumach.

Napier grass.

200391. *VOANDZEA SUBTERRANEA* (L.) Thouars. Fabaceae.

Groundnut.

**200392. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From France. Cuttings presented by the Station de Recherches Viticoles et d'Arboriculture Fruitiere, Pont-de-la-Maye, Gironde. Received Apr. 14, 1952.

*Rouge Bruyere.*

**200393. MALUS SYLVESTRIS Mill. Malaceae. Apple.**

From England. Cuttings presented by the Royal Horticultural Society, Wisley, Surrey. Received Apr. 14, 1952.

*Oporto.*

**200394 to 200402.**

From Israel. Seeds presented by the Hebrew University, Jerusalem. Received Apr. 14, 1952.

**200394. AVENA BARBATA Brot. Poaceae.**

Near Jerusalem.

**200395. AVENA FATUA L.**

**Wild oats.**

Near Jerusalem.

**200396. BROMUS JAPONICUS Thunb. Poaceae.**

Near Atlit, Sharon Plain.

**200397. BROMUS MACROSTACHYS var. LANUGINOSUS (Poir.) Coss. & Dur.**

Near Kiryat Anavim, west of Jerusalem.

**200398. FESTUCA ARUNDINACEA Schreb. Poaceae.**

**Tall fescue.**

Near Kiryat Anavim, west of Jerusalem.

**200399 to 200402. From near Jerusalem.****200399. HORDEUM BULBOSUM L. Poaceae.**

**Barley.**

**200400. HORDEUM MURINUM L.**

**Wild barley.**

**200401. HORDEUM SPONTANEUM C. Koch.****200402. LOLIUM RIGIDUM Gaud. Poaceae.****200403 to 200415.**

From Israel. Seed presented by the Hebrew University, Jerusalem. Received Apr. 14, 1952.

**200403. MEDICAGO TUBERCULATA (Retz.) Willd. Fabaceae.**

Near Matzuba, Galilee.

**200404. ORYZOPSIS HOLCIFORMIS (Bieb.) Hack. Poaceae.**

Near Jerusalem.

**200405 to 200407. ORYZOPSIS MILIACEA (L.) Benth. & Hook.**

200405. Near Hartuv, west of Jerusalem.

200406. Near Kiryat Anavim, west of Jerusalem.

200407. Near Kurnub, Negev.

**200408. PHLEUM SUBULATUM (Savi) Aschers. & Graebn. Poaceae.**

Near Jerusalem.

**200409. SANGUISORBA sp. Rosaceae.**

Near Jerusalem.

**200410. STIPA FONTANESII Parl. Poaceae.**

**Needlegrass.**

Near Tel Rakhama, south of Beersheba.

**200411. TRIFOLIUM CAMPESTRE Schreb. Fabaceae.**

Near Matzuba, western Galilee.

**200403 to 200415—Continued****200412.** TRIFOLIUM STELLATUM L.

Near Jerusalem.

**200413.** TRIFOLIUM XEROCEPHALUM Fenzl.

Near Matzuba, western Galilee.

**200414.** VICIA SATIVA L. Fabaceae.**Common vetch.**Jargon River, near Tel-Aviv. Received as *Vicia amphicarpa*.**200415.** VIGNA NILOTICA (Delile) Hook f. Fabaceae.

Jargon River, near Tel-Aviv.

**200416.** HEVEA BRASILIENSIS (A. Juss.) Muell. Arg. Euphorbiaceae.  
**Para rubber tree.**From Ceylon. Cuttings presented by the Rubber Research Scheme, Agalawatta.  
Received Apr. 14, 1952.**200417 to 200426.** GOSSYPIUM. Malvaceae. **Cotton.**From Pakistan. Seeds collected by Frank H. Eaton, Bureau of Plant Industry,  
Soils, and Agricultural Engineering, Beltsville, Md. Received Apr. 14, 1952.

From the Experiment Station, Lyallpur.

**200417.** *L. S. S.***200422.** *DC 92.***200418.** *4 F.***200423.** *124 F.***200419.** *Lasani.***200424.** *199 F.***200420.** *Lasani.***200425.** *268 F.***200421.** *39 Mollisoni.***200426.** *289 F/43.***200427 to 200429.** SESAMUM INDICUM L. Pedaliaceae. **Sesame.**From Pakistan. Seeds presented by the Experiment Station, Lyallpur. Re-  
ceived Apr. 14, 1952.**200427.** *T 5.***200428.** *T 15.***200429.** *T 22.***200430 to 200444.** ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**From Japan. Seeds presented by the Chiugoku-Shikoku Experiment Station,  
Shikoku. Received Apr. 14, 1952.**200430.** *Chiba Chiuriu No. 43.***200438.** *Shizuoka Zairai Tairiu No. 7.***200431.** *Chiba Chiuriu No. 55.***200439.** *Spanish No. 5.***200432.** *Chiba Tairiu No. 74.***200440.** *Tachi Rakuda B. No. 38.***200433.** *Chiuriu No. 11.***200441.** *Taiwan Kotsubu No. 13.***200434.** *Haku'u (China) No. 9.***200442.** *Tanagashima Zairai No. 14.***200435.** *Java No. 13.***200443.** *Tokushima Zairai No. 3.***200436.** *Kanagawa Kotsubu No. 6.***200444.** *Virginia (America) No. 10.***200437.** *Kotsubu No. 12.***200445 to 200553.** GLYCINE MAX (L.) Merrill. Fabaceae. **Soybean.**From Japan. Seeds presented by the Chiugoku-Shikoku Experiment Station,  
Shikoku. Received Apr. 15, 1952.**200445.** *Aka Nida No. 76.***200449.** *Aki Daizu No. 2.***200446.** *Aka Saya No. 44.***200450.** *Akita Ani No. 33.***200447.** *Akasome No. 18.***200451.** *Amakusa Daizu No. 75.***200448.** *Aki Daizu No. 1.***200452.** *Amakusa Nou No. 2.*

## 200445 to 200553—Continued

200453. *Ao Ji* No. 40.  
 200454. *Aokimame* No. 95.  
 200455. *Aso* No. 1.  
 200456. *Awashima Zairai* No. 106.  
 200457. *Azuma Aki* No. 38.  
 200458. *Ban Echigo* No. 8.  
 200459. *Chi Ya Sengoku* No. 81.  
 200460. *Ching Tao (China)* No. 21.  
 200461. *Chiya Kotsubu* No. 107.  
 200462. *Daizu* No. 1.  
 200463. *Daizu Shin* No. 2.  
 200464. *Daizu Uchida* No. 86.  
 200465. *Fusanari Daizu* No. 70.  
 200466. *Gaku Bun* No. 90.  
 200467. *Gin Daizu* No. 63.  
 200468. *Hachigatsu* No. 65.  
 200469. *Hanashirazu*.  
 200470. *Hanayome*.  
 200471. *Hanayome Ibaragi* No. 1.  
 200472. *Hang Kao (China)* No. 20.  
 200473. *Higo Daizu* No. 47.  
 200474. *Hikage Daizu* No. 68.  
 200475. *Hiroshima Kuro Daizu* No. 56.  
 200476. *Hito Yoshi* No. 74.  
 200477. *Hondo Daizu* No. 78.  
 200478. *Ichiyo Gawari* No. 23.  
 200479. *Ishibai* No. 15.  
 200480. *Itate* No. 14.  
 200481. *Iyo Daizu* No. 59.  
 200482. *Kairiyo Shirome* No. 39.  
 200483. *Kari Hane* No. 1.  
 200484. *Kawara* No. 92.  
 200485. *Keburi* No. 13.  
 200486. *Kikuchi Nou* No. 1.  
 200487. *Kinoshita* No. 80.  
 200488. *Kiro Aki Daizu* No. 72.  
 200489. *Kisaya* No. 29.  
 200490. *Kiwami* No. 97.  
 200491. *Kochi Aki Daizu* No. 50.  
 200492. *Komata* No. 79.  
 200493. *Kuma Zairai* No. 109.  
 200494. *Kumazi* No. 1.  
 200495. *Kuro Daizu* No. 46.  
 200496. *Kurosaya* No. 28.  
 200497. *Mammoth Brown* No. 99.  
 200498. *Manchuria Native* No. 110.  
 200499. *Matsu Ura* No. 24.  
 200500. *Mejiro* No. 64.  
 200501. *Mikuriya* No. 46.  
 200502. *Misao* No. 1.  
 200503. *Miyashiro Jun* No. 1.  
 200504. *Mizu Moguri* No. 10.  
 200505. *Nagahashi* No. 36.  
 200506. *Nakate* No. 2.  
 200507. *Natsu Daizu* No. 1.  
 200508. *Natsu Daizu* No. 46.  
 200509. *Nishimura Daizu* No. 104.  
 200510. *Nogoshi* No. 1.  
 200511. *Nourin* No. 1.  
 200512. *Nourin* No. 2.  
 200513. *Nourin* No. 3.  
 200514. *O. U.* No. 13.  
 200515. *Oku Kuro Daizu* No. 101.  
 200516. *Okute* No. 30.  
 200517. *Onihadaka* No. 6.  
 200518. *Onihadaka* No. 7.  
 200519. *Onihadaka Saki* No. 1.  
 200520. *Ono* No. 84.  
 200521. *Oura* No. 94.  
 200522. *Rikuu* No. 7.  
 200523. *San Goku* No. 87.  
 200524. *Shimo Baba* No. 91.  
 200525. *Shimotsu Ura* No. 83.  
 200526. *Shira Nuhi* No. 93.  
 200527. *Shiro Daihachirin* No. 54.  
 200528. *Shiro Daizu* No. 60.  
 200529. *Shiro Daizu* No. 1.  
 200530. *Shiro Daizu* No. 3.  
 200531. *Shiro Daizu* No. 105.  
 200532. *Shiro Hanasaki* No. 1.  
 200533. *Shirome* No. 22.  
 200534. *Shironakafuto* No. 37.  
 200535. *Shirosaya* No. 30.  
 200536. *Shirosota* No. 19.  
 200537. *Shiyakin Nashi* No. 42.  
 200538. *Sugao Zairai* No. 69.  
 200539. *Suzanari* No. 55.



**200445 to 200553—Continued**200540. *Takiya* No. 31.200541. *Takiya Jun* No. 1.200542. *Tamana* No. 96.200543. *Tamanishiki* No. 58.200544. *Tanba Kuro* No. 57.200545. *Thizuka Ibaragi* No. 1.200546. *Wada Ani* No. 32.200547. *Waka Shima* No. 73.200548. *Wase Kin* No. 26.200549. *Yashiro Zairai* No. 1.200550. *Yashiro Zairai* No. 2.200551. *Yonekadake* No. 85.200552. *Yore* No. 27.200553. *Zairai Kuro Daizu* No. 102.**200554. HYPARRHENIA RUFA (Nees) Stapf. Poaceae.**

From Panama. Seeds presented by the Director, Instituto Nacional de Agricultura, Panama City. Received Apr. 16, 1952.

**200555. PRUNUS USSURIENSIS KOV. & Kost. Amygdalaceae.**

From Canada. Plant growing at the Experiment Station, Morden, Manitoba. Numbered Apr. 15, 1952.

Selection (5-9-1956) made by C. R. Ure, Horticulturist, from P. I. No. 135621. Hardy at Morden, Canada. Fruit bright to dark red, up to 1¼ inches in diameter. Skin thin, tender; flesh firm, juicy, a little coarse, freestone, with mild sweet flavor, of good quality.

**200556 to 200575. VITIS VINIFERA L. Vitaceae. European grape.**

From Yugoslavia. Cuttings presented by the Zarodza Vinogradarsiva, Srem, Karlovci. Received Apr. 15, 1952.

200556. No. 5-1. *Frankovka*. Black, of Austrian origin.200557. No. 5-2. *Smederevka*. White, native, for table use and wine. Very productive, ripening late.200558. No. 5-3. *Skadarka*. Black, wine grape.200559. No. 5-4. *Prokupatz*. Black, native, wine grape.200560. No. 5-5. *Bouvier*. (Syn. Radgonska Ranka.) White, native, early.200561. No. 5-6. *Kreatza*. White, native, wine grape.200562. No. 5-7. *Slankamenta*. Red, native, wine grape: the most productive grown in Serbia.200563. No. 5-8. *Rougitzu Rouge*. Red, native, very productive.200564. No. 5-9. *Rougitzu Turque*. White, wine grape.200565. No. 5-10. *Nova Plemenka*. White, table grape; introduced.

200566. No. 5-21.

200567. No. 5-22.

200568. No. 5-23.

200569. No. 5-24.

200570. No. 5-25.

200571. No. 5-26.

200572. No. 5-27.

200573. No. 5-28.

200574. No. 5-29.

200575. No. 5-30.

**200576. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From France. Cuttings presented by the Station de Recherches Viticoles et d'Arboriculture Fruitiere, Pont-de-la-Maye, Gironde. Received Apr. 16, 1952.

*Muscadet de Bernay*.

**200577 to 200585. BETA spp. Chenopodiaceae.**

From Denmark. Seeds presented by Viggo Lund, Sophiehoi, Rodby. Received Apr. 16, 1952.

**200577 to 200584. BETA VULGARIS L.**

**Beet.**

200577. No. 1.

200581. No. 5.

200578. No. 2.

200582. No. 6.

200579. No. 3.

200583. No. 7.

200580. No. 4.

200584. No. 8.

**200585. BETA TRIGYNA Waldst. & Kit.**

**200586 to 200590.**

From New Zealand. Seeds presented by Arthur Yates and Company, Ltd., Auckland. Received Apr. 16, 1952.

**200586. CORDYLINE INDIVISA (Forst.) Steud. Liliaceae.**

**Blue dracena.**

**200587. HOHERIA POPULNEA A. Cunn. Malvaceae.**

**200588. LEPTOSPERMUM SCOPARIUM var. NICHOLLI (Darr.-Smith) Turrill. Myrtaceae.**

**200589. PHORMIUM COLENSOI Le Jolis. Liliaceae.**

**200590. SOPHORA TETRAPTERA J. Mill. Fabaceae.**

*Kowhai.*

**200591. GOSSYPIUM ARBOREUM L. Malvaceae.**

**Cotton.**

From Greece. Seeds presented by the Cotton Research Institute, Sindos. Received Apr. 17, 1952.

**200592 to 200596. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Belgium. Seeds obtained from the American Embassy, Brussels. Received Mar. 17, 1952.

200592. *Agioi Victores.*

200595. *Morlanvia.*

200593. *Konistra.*

200596. *Serckop.*

200594. *La Fleche.*

**200597 to 200605. ZEA MAYS L. Poaceae.**

**Corn.**

From Brazil. Seeds presented by Gladstone A. Drummond, Belo Horizonte, Minas Gerais. Received Apr. 17, 1952.

200597. 4-13.

200602. 483 A.

200598. 8-58.

200603. 483 A  $\times$  18-58.

200599. 57-163.

200604. 1020.

200600. 57-163.

200605. 1020  $\times$  94-962.

200601. 94-962.

**200606 to 200716. VITIS VINIFERA L. Vitaceae.**

**European grape.**

From France. Cuttings presented by the École Nationale et d'Agriculture, Montpellier. Received Apr. 18, 1952.

200606. *Kuhlmann 477-1.*

200614. *Seyve Villard 19-159.*

200607. *Oberlin 595.*

200615. *Seyve Villard 20-365.*

200608. *Kuhlmann 272-1.*

200616. *Seyve Villard 23-369.*

200609. *Kuhlmann 194-1.*

200617. *Seyve Villard 12-426.*

200610. *Kuhlmann 186-1.*

200618. *Seyve Villard 19-233.*

200611. *Oberlin 782.*

200619. *Seyve Villard 19-439.*

200612. *Kuhlmann 188-2.*

200620. *Seyve Villard 12-286.*

200613. *Oberlin 604.*

200621. *Seyve Villard 23-410.*

## 200606 to 200716—Continued

200622. *Seyve Villard* 12-331.  
 200623. *Seyve Villard* 14-281.  
 200624. *Seyve Villard* 10-271.  
 200625. *Seyve Villard* 29-399.  
 200626. *Seyve Villard* 34-211.  
 200627. *Seyve Villard* 19-410.  
 200628. *Seyve Villard* 30-56.  
 200629. *Seyve Villard* 12-390.  
 200630. *Seyve Villard* 20-366.  
 200631. *Seibel* 12583.  
 200632. *Seibel* 14994.  
 200633. *Seibel* 14514.  
 200634. *Seibel* 9549.  
 200635. *Seibel* 9249.  
 200636. *Seibel* 7762.  
 200637. *Seibel* 880.  
 200638. *Seibel* 2003.  
 200639. *Seibel* 5717.  
 200640. *Seibel* 7044.  
 200641. *Seibel* 8724.  
 200642. *Seibel* 2007.  
 200643. *Seibel* 6746.  
 200644. *Seibel* 4111.  
 200645. *Seibel* 14994.  
 200646. *Landot* 204.  
 200647. *Landot* 2283.  
 200648. *Landot* 3131.  
 200649. *Landot* 2282.  
 200650. *Landot* 790.  
 200651. *Landot* 3474.  
 200652. *Landot* 3518.  
 200653. *Landot* 3384.  
 200654. *Landot* 2915.  
 200655. *Landot* 301.  
 200656. *Landot* 1678.  
 200657. *Landot* 2380.  
 200658. *Landot* 2416.  
 200659. *Landot* 234.  
 200660. *Landot* 2832.  
 200661. *Landot* 4465.  
 200662. *Landot* 2281.  
 200663. *Landot* 4411.  
 200664. *Landot* 4511.  
 200665. *Landot* 2291.  
 200666. *Landot* 3381.  
 200667. *Bertille Seyve* 6283.  
 200668. *Bertille Seyve* 4825.  
 200669. *Bertille Seyve* 2667.  
 200670. *Bertille Seyve* 3310.  
 200671. *Couderc* 162-97.  
 200672. *Couderc* 12.  
 200673. *Couderc* 3.  
 200674. *Couderc* 299-35.  
 200675. *Couderc* (no number).  
 200676. *Couderc* 22.  
 200677. *Couderc* 14.  
 200678. *Couderc* 98-76.  
 200679. *Peage* 5-10.  
 200680. *Jaeger* 13.  
 200681. 238-35GC.  
 200682. *Marechal Gallieni*.  
 200683. *Rosake Zolo*.  
 200684. *Vidal* 256.  
 200685. *Excelsior*.  
 200686. *Excelsior Guilly*.  
 200687. 255-10 GC.  
 200688. *Malegue* 51-20.  
 200689. *Ravat* 578.  
 200690. *Ravat* 16.  
 200691. *Geant de la Palestine*.  
 200692. *Rupestris Geant*.  
 200693. *Malegus* 261-11.  
 200694. *Riparin Pulliat*.  
 200695. *Manconnet*.  
 200696. *Ravat* 15.  
 200697. *Maclet Botton* 26.  
 200698. *Rosaki*.  
 200699. *Meyniou* 1.  
 200700. *Joanes Seyve* 397.  
 200701. *Joanes Seyve* 23-416.  
 200702. *Joanes Seyve* 12-448.  
 200703. *Joanes Seyve* 23-275.  
 200704. *Joanes Seyve* 14-921.  
 200705. *Joanes Seyve* 13-733.  
 200706. *Joanes Seyve* 12-928.  
 200707. *Joanes Seyve* 25-874.  
 200708. *Joanes Seyve* 16-104.  
 200709. *Joanes Seyve* 26-490.

**200606 to 200716—Continued**200710. *Joanes Seyve* 23-284.200714. *Joanes Seyve* 12-428.200711. *Joanes Seyve* 12-426.200715. *Joanes Seyve* 15-875.200712. *Joanes Seyve* 24-408.200716. *Joanes Seyve* 24-610.200713. *Joanes Seyve* 12-462.**200717. FRAGARIA. Rosaceae.****Strawberry.**

From Guatemala. Plants presented by the Instituto Agropecuario Nacional "La Aurora," Guatemala. Received Apr. 18, 1952. Grown at Parramos.

**200718. STROPHANTHUS WIGHTIANUS Wall. Apocynaceae.**

From India. Seeds presented by an unknown donor. Received Apr. 18, 1952.

**200719. GOSSYPIUM. Malvaceae.****Cotton.**

From the Hawaiian Islands. Seeds presented by the Hawaiian Sugar Planters' Association, Honolulu. Received Apr. 18, 1952.

From the Island of Molokai.

**200720 to 200722. GOSSYPIUM. Malvaceae.****Cotton.**

From the Belgian Congo. Seeds presented by the INEAC, Yangambi. Received Apr. 18, 1952.

200720. *Stan 5 × Ishan × (Cemp × Triple Hybrid)*.200721. *Stan 26 × Ishan × (Cemp × Triple Hybrid)*.200722. *Cemp × Triple Hybrid*.**200723. ARACHIS HYPOGAEA L. Fabaceae.****Peanut.**

From the Dominican Republic. Seeds presented by an unknown donor, Ciudad Trujillo. Received Apr. 18, 1952.

**200724 to 200771.**

From Central America. Seeds collected by Oliver W. Norvell, Carnegie Institution of Washington, Stanford, Calif. Received Apr. 22, 1952.

**200724 to 200729. CAPSICUM FRUTESCENS L. Solanaceae.****Redpepper.**

From Guatemala.

200724. No. 3503. Cobán, Alta Verapaz.

200727. No. 3540.

200728. No. 3541.

200725. No. 3504. Cobán.

200729. No. 3542.

200726. No. 3507.

**200730. CENTROSEMA SAGITTATUM (Humb. & Bonpl.) Brandeg. Fabaceae.**

No. 3381. Ahuachapán, El Salvador.

**200731. CENTROSEMA sp.**

No. 3384. Ahuachapán, El Salvador.

**200732 and 200733. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

200732. No. 3419. Sandia, El Salvador.

200733. No. 3544. Cobán, Alta Verapaz, Guatemala.

**200734. CROTALARIA sp. Fabaceae.**

No. 3319. Quezaltenango, Guatemala.

**200735. CROTALARIA sp.**

No. 3472. Amatitlán, Guatemala.

**200736 to 200738. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.**

200736. No. 3394. Ahuachapán, El Salvador.

200737. No. 3512. Guatemala.

200738. No. 3539. Guatemala.

**200724 to 200771—Continued****200739.** CUCURBITA sp.

No. 3470. Guatemala.

**200740.** DIOSCOREA sp. Dioscoreaceae.

No. 3387. Ahuachapán, El Salvador.

**200741.** DIOSCOREA sp.

No. 3388. Ahuachapán, El Salvador.

**200742.** DIOSCOREA sp.

No. 3464. San Estelán, Guatemala.

**200743.** GALACTIA sp. Fabaceae.

No. 3369. Ahuachapán, El Salvador.

**200744.** GALACTIA sp.

No. 3370. Ahuachapán, El Salvador.

**200745.** GALACTIA sp.

No. 3415. Ocotepeque, Honduras.

**200746.** GALACTIA sp.

No. 3462. Chiquimula, Guatemala.

**200747.** GALACTIA sp.

No. 3527. El Progreso, Guatemala.

**200748.** PACHYRHIZUS sp. Fabaceae.

No. 3473. Amatitlán, Guatemala.

**200749.** PHASEOLUS ACUTIFOLIUS var. LATIFOLIUS G. F. Freeman. Fabaceae.  
Tepary bean.

Cojutepeque, El Salvador.

**200750.** PHASEOLUS ATROPURPUREUS DC.

No. 3474. Guatemala.

**200751.** PHASEOLUS GRANDIFLORUS Steud.

No. 3379. Near Ahuachapán, El Salvador.

**200752.** PHASEOLUS SPECIOSUS H. B. K.

No. 3471. Amatitlán, Guatemala.

**200753.** PHASEOLUS XANTHOTRICHUS Piper.

No. 3318. Quezaltenango, Guatemala.

**200754.** PHASEOLUS sp.

No. 3359. Cuilapa, Guatemala.

**200755.** PISUM SATIVUM L. Fabaceae.

Pea.

No. 3498. Cobán, Alta Verapaz, Guatemala.

**200756.** RHYNCHOSIA sp. Fabaceae.

No. 3454. Jalapa, Guatemala.

**200757.** RUBUS sp. Rosaceae.

Raspberry.

No. 3543. Cobán, Alta Verapaz, Guatemala.

**200758 to 200761.** SORGHUM VULGARE Pers. Poaceae.**200758.** No. 3391. Ahuachapán, El Salvador.**200759.** No. 3414. Cojutepeque, El Salvador.**200760.** No. 3429. San Salvador, El Salvador.**200761.** No. 3447. Jalapa, Guatemala.**200762.** TRITICUM AESTIVUM L. Poaceae.

Common wheat.

No. 3418. Ocotepeque, Honduras.

**200724 to 200771—Continued**

**200763 and 200764.** *VIGNA VEXILLATA* (L.) Rich. Fabaceae.

**200763.** No. 3378. Ahuchapán, El Salvador.

**200764.** No. 3466. Esquipulas, Guatemala.

**200765 to 200771.** *ZEa MAYS* L. Poaceae.

**Corn.**

**200765.** No. 3302. San Marcos, Guatemala.

**200766.** No. 3392. Ahuachapán, El Salvador.

**200767.** No. 3393. Ahuchapán, El Salvador.

**200768.** No. 3413. Cojutepeque, El Salvador.

**200769.** No. 3416. Ocotepeque, Honduras.

**200770.** No. 3496. Cobán, Alta Verapaz, Guatemala.

**200771.** No. 3497. Cobán, Alta Verapaz, Guatemala.

**200772.** *ZEa MAYS* L. Poaceae.

**Corn.**

From Maryland. Seeds planted at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered in April 1952.

Selection from P. I. 171892.

**200773 to 200778.** *CITRUS LIMON* (L.) Burm. f. Rutaceae. **Lemon.**

From Peru. Seeds presented by the Servicio Cooperativo Interamericano, Lima. Received Apr. 22, 1952.

**200773.** From the Tumbes zone, with regular rain. Plant 9 to 13 feet high, fruits 3 inches long and 4 inches wide.

**200774.** From the Piura zone, without rain, with irrigation. Fruits 2½ inches wide and 3 inches long.

**200775.** From the Iquitos Forestal region. Fruits 3 inches wide by 4 inches long.

**200776.** From the region of La Mejorada, with regular rain. Plant small, 6 feet high; fruits small, 1¾ inches wide and 2 inches long.

**200777.** From the Arequipa inter-Andean valley, with regular rain. Plant small; fruits 2 inches wide and 2¼ inches long.

**200778.** Seeds from the Cusco inter-Andean valley, with regular rain. Plant small; fruits 1½ inches wide and 1¾ inches long.

**200779.** *GOSSYPIMUM TRIPHYLLUM* (Harv.) Hochr. Malvaceae.

**Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Ministry of Agriculture, Khartoum North. Received Mar. 22, 1952.

**200780 and 200781.** *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**

From France. Cuttings presented by the Station de Recherches Viticoles et d'Arboriculture Fruitière, Pont-de-la-Maye, Gironde. Received Apr. 23, 1952.

**200780.** *Muscadet Bernay*.

**200781.** *Saint Martin*.

**200782 and 200783.**

From Argentina. Roots collected by Alan A. Beetle and Dario P. Bignoli, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received Apr. 23, 1952.

From the Rinchaura Ranch, near Tecka, south of Esquel, Chubut. Plants heavily grazed.

**200782.** *ADESMIA* sp. Fabaceae.

No. 538.

**200783.** *ADESMIA* sp.

No. 539.

**200784 to 200789. QUERCUS ROBUR L. Fagaceae. English oak.**

From England. Seeds presented by Dr. T. R. Peace, Forest Research Station, Farnham, Surrey. Received Apr. 24, 1952.

200784. No. 1. Shillinglea Estate, Chiddingfold.

200785. No. 2. Leconfield Estate.

200786. No. 3. Bere Forest.

200787. No. 4. Bramshill Hampshire collection.

200788. No. 5. Dark Hatch Estate.

200789. No. 6. Baynards Estate.

**200790. PINUS SYLVESTRIS L. Pinaceae. Scotch pine.**

From Belgium. Seeds presented by Firseed, Brussels. Received Apr. 24, 1952.

**200791 to 200869.**

From Burma. Seeds collected by Dr. O. E. White, Blandy Experimental Farm, Boyce, Virginia. Received Apr. 24, 1952.

Unless otherwise mentioned, seeds were collected in Mandalay or vicinity.

200791. ABELMOSCHUS sp. Malvaceae.

No. 21. Small, pink-flowered plant 3 to 4 feet high.

200792. ACACIA CATECHU (L. f.) Willd. Mimosaceae.

No. 73. Common bushy acacia.

200793. ACACIA MODESTA Wall.

No. 80. Small tree 20 to 25 feet high; leaves bluish, flowers white.

200794. ACACIA NILOTICA (L.) W. F. Wight.

No. 105. Thorny, weedy acacia with bright-yellow flowers.

200795. AEGLE MARMELOS (L.) Correa. Rutaceae.

No. 59. Common fruit in the bazars.

200796. AMOMUM sp. Zingiberaceae.

No. 103. Kalaw, Shan State. Yellow flowers sold in market.

200797. CAESALPINIA SEPIARIA Roxb. Caesalpinaceae.

No. 19. Taunggyi, Shan State. Small bushy tree.

200798. CAJANUS CAJAN (L.) Druce. Fabaceae.

**Pigeonpea.**

No. 30. Commonly cultivated.

200799. CALOTROPIS GIGANTEA (L.) R. Br. Asclepiadaceae.

No. 62. Perennial 10 feet high, with purple flowers.

200800. CAPPARIS MICRANTHA DC. Capparidaceae.

No. 96. Fruits red, apple-like.

200801. CAPPARIS sp.

No. 25. Common in hedgerows as a vine.

200802. CICER ARIETINUM L. Fabaceae.

**Chickpea**

No. 26. Grown as green manure and for seeds.

200803 to 200810. CLITORIA TERNATEA L. Fabaceae.

Flowers indicated color.

200803. No. 31. Light blue.

200807. No. 35. Light blue.

200804. No. 32. Deep blue.

200808. No. 54. Purple.

200805. No. 33. Purple.

200809. No. 86. Medium blue.

200806. No. 34. Purple.

200810. No. 87. Blue; profuse.

**200791 to 200869—Continued**

200811. *COSMOS* sp. Asteraceae.

No. 6. Pink-flowered, weedy.

200812. *CROTALARIA* sp. Fabaceae.

No. 108. Taunggyi, Shan State.

200813. *CUCUMIS MELO* L. Cucurbitaceae.

**Muskmelon.**

No. 56. Common type, flavor poor, resembling cucumber.

200814 to 200819. *CUCUMIS SATIVUS* L.

**Cucumber.**

200814. No. 16. Bazar, Maymyo. Fruits round, striped, fragrant.

200815. No. 17. Bazar, Maymyo. Fruits orange, 15 inches long, with orange flesh of cucumber flavor.

200816. No. 67. Bazar, Maymyo. Fruits orange and yellow striped; long-keeping.

200817. No. 68. Near Bhamo. Fruits green or yellow, white striped, 10 inches by 5 inches.

200818. No. 94. Bazar, Maymyo. Fruits green when mature; long-keeping.

200819. No. 95. Mandalay Bazar. Fruits small, 1¾ inches by 1½ inches.

200820. *CUCUMIS* sp.

No. 22. Fruits orange, with disagreeable odor.

200821 to 200823. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae. **Cushaw.**

200821. No. 53. Bazar, Maymyo. Fruits salmon, 14 inches by 5 inches, flesh yellowish-red; good keeper.

200822. No. 64. Bazar, Rangoon. Fruits round-flattened, small, salmon, flesh bright-orange; common.

200823. No. 72. Insein Bazar, Rangoon. Fruits oblate, green with yellow spots.

200824 and 200825. *CUCURBITA PEPO* L.

**Pumpkin.**

200824. No. 20. Market, Taunggyi, Shan State.

200825. No. 65. Bazar, Rangoon. Fruits large, green, with yellow spots.

200826. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.

**Guar.**

No. 43. Seeds eaten.

200827. *DIOSCOREA* sp. Dioscoreaceae.

No. 61. Near Lashio. Vine 20 to 30 feet long.

200828 to 200831. *DOLICHOS LABLAB* L. Fabaceae.

**Hyacinth-bean.**

200828. No. 3. Pods purple.

200829. No. 4. Pods wide.

200830. No. 79. Pods green and wrinkled.

200831. No. 89. Pods green.

200832. *GLYCINE MAX* (L.) Merrill. Fabaceae.

**Soybean.**

No. 24. Bhamo, Kachin State.

200833. *HEYNEA TRIJUGA* Roxb. Meliaceae.

No. 2. National Botanic Garden, Maymyo. Handsome tree up to 50 feet high, with sprays of bright-red berries used for decorations.

200834. *HIBISCUS CANNABINUS* L. Malvaceae.

**Kenaf.**

No. 11. Baptist Mission.

200835. *HIBISCUS MICRANTHUS* L. f.

No. 23. Shrub 2 to 5 feet high; flowers white.



## 200791 to 200869—Continued

200836. *HIBISCUS* sp.

No. 101. Plant 8 to 10 feet high; flowers yellow, 1 inch across.

200837. *IPOMOEA RENIFORMIS* Choisy. Convolvulaceae.

No. 55. A creeper with very small yellow flowers; possibly weedy.

200838 and 200839. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae.

Shakwa towelgourd.

200838. No. 60. Bhamo, Kachin State.

200839. No. 69. Lashio, Shan State.

200840. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

No. 58. Bhamo, Kachin State.

200841 and 200842. *PHASEOLUS CALCARATUS* Roxb.

Rice bean.

200841. No. 14. Bazar, Bhamo, Kachin State.

200842. No. 15. Bhamo, Kachin State.

200843. *PINUS ARMANDII* Franch. Pinaceae.

Armand pine.

No. 36. Bazar, Lashio, Shan State.

200844. *PROSOPIS CHILENSIS* (Molina) Stuntz. Mimosaceae.

No. 109.

200845. *PSOPHOCARPUS TETRAGONOLOBUS* (L.) DC. Fabaceae.

No. 81. Roots eaten.

200846. *PYRUS* sp. Malaceae.

No. 91. Sinlunkaba, Kachin State. A wild pear, apparently blight-resistant. The russet fruits are a little larger than those of the Kieffer pear.

200847. *RHYNCHOSIA* sp. Fabaceae.

No. 15. Native species, very abundant.

200848. *RUBUS* sp. Rosaceae.

Raspberry.

No. 85. Bushy plant growing wild on mountains, Taunggyi, Shan State.

200849 and 200850. *SEBANIA GRANDIFLORA* (L.) Poir. Fabaceae.

200849. No. 74. Flowers white; eaten by natives.

200850. No. 75. Flowers red. Burmese name *agati*.

200851. *SEBANIA SESBAN* (L.) Merrill.

No. 28. Shrub 6 to 10 feet high.

200852 to 200854. *SOLANUM FEROX* L. Solanaceae.

200852. No. 1. *Elephant tomato*. Fruits orange-yellow; a common vegetable in Burma, eaten when cooked.

200853. No. 46. Rangoon.

200854. No. 71. Near Myitkyina.

200855. *SOLANUM* sp.

No. 27. Fruits round, yellowish with pink blush, eaten raw by natives.

200856 and 200857. *SOLANUM MELONGENA* L.

Eggplant.

200856. No. 66. Curved-cylindrical variety, very common in Burma.

200857. No. 90. Fruits small, round, white with purplish blush; eaten raw.

200858. *SOLANUM QUITOENSE* Lam.

Naranjillo.

No. 70. Bazar, Maymyo. Fruits golden-yellow.

200859. *STERCULIA FOETIDA* L. Sterculiaceae.

No. 37. Sagaing. Tree 40 to 50 feet high.

## 200791 to 200869—Continued

200860. *TAMARINDUS INDICA* L. Caesalpiniaceae. **Tamarind.**  
No. 40.
200861. *TITHONIA DIVERSIFOLIA* (Hemsl.) A. Gray. Asteraceae.  
No. 88. Common around Maymyo and Taunggyi.
200862. *TRICHOSANTHES ANGUINA* L. Cucurbitaceae.  
No. 100. Commonly grown as a vegetable.
- 200863 to 200866. *TRICHOSANTHES BRACTEATA* (Lam.) Voigt.  
200863. No. 8. Taunggyi, Shan State. Fruits red.  
200864. No. 10. Fruits orange.  
200865. No. 18. *Samm.* Fruits red, apple-like.  
200866. No. 102. Fruits scarlet.
200867. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. **Cowpea.**  
No. 42. Bazar, Zegyo.
- 200868 and 200869. *ZIZIPHUS MAURITIANA* Lam. Rhamnaceae.  
200868. No. 39. Common wild fruit.  
200869. No. 57. A better form than No. 39 (P. I. 200868.)
200870. *RUMEX HYMENOSEPALUS* Torr. Polygonaceae. **Canaigre.**  
From Mexico. Tubers collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received Apr. 22, 1952.  
No. 11705. Rosario, Baja California.
200871. *VITIS VINIFERA* L. Vitaceae. **European grape.**  
From Italy. Cuttings presented by the Stazione Agraria Sperimentale, Bari. Received Apr. 28, 1952.  
Marsala.
200872. *ONOBRYCHIS VICIAEFOLIA* Scop. Fabaceae. **Sanfoin.**  
From Turkey. Seeds collected by Eugene Prince, Thornton, Wash. Received Aug. 6, 1952.  
Collected from the Konuklar State Agricultural School Farm, near Konya.
200873. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**  
From Denmark. Seeds presented by the Plant Breeding Station, Danish Farmers' Cooperative, Taastrup. Received Apr. 28, 1952.  
*Early otofte* (tetraploid) *Pt. o 5933.*
- 200874 to 200883.  
From Afghanistan. Seeds presented by the Afghan Department of Agriculture, Kabul. Received Apr. 28, 1952.
200874. *ALLIUM CEPA* L. Liliaceae. **Onion.**
200875. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**
200876. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**
200877. *DOLICHOS LABLAB* L. Fabaceae. **Hyacinth-bean.**
200878. *LEPIDIUM SATIVUM* L. Brassicaceae. **Garden cress.**
- 200879 and 200880. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**  
200879. No. 1.  
200880. No. 2.

**200874 to 200883—Continued**

200881. *SOLANUM MELONGENA* L. Solanaceae. Eggplant.

200882. *SPINACIA OLERACEA* L. Chenopodiaceae. Spinach.

200883. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae. Catjang.

**200884 to 200889. *VITIS VINIFERA* L. Vitaceae. European grape.**

From Germany. Cuttings presented by the Institut für Rebenzüchtung, Geisenheim. Received Apr. 28, 1952.

200884. *Rhein Riesling Klon 24*. 200887. *Rhein Riesling Klon 118*.

200885. *Rhein Riesling Klon 64*. 200888. *Rhein Riesling Klon 198*.

200886. *Rhein Riesling Klon 110*. 200889. *Rhein Riesling Klon 239*.

**200890. *ZEA MAYS* L. Poaceae. Corn.**

From Maryland. Plants at the United States Plant Introduction Garden, Glenn Dale. Numbered May 8, 1952.

A selection from P. I. 168055, received Sept. 1, 1948, from J. R. Harlan, who collected seeds at Baskoy, Turkey, under No. 3553.

**200891. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.**

From the Union of South Africa. Tubers obtained through the American Embassy, Pretoria, Transvaal. Received Apr. 29, 1952.

*South Esk.*

**200892. *EUPHORBIA LANCIFOLIA* Schlecht. Euphorbiaceae.**

From Guatemala. Plants presented by the Oficina Controladora de Aceitas Esenciales, Guatemala City. Received Apr. 29, 1952.

*Ixbut.*

**200893. *CAMELLIA RETICULATA* Lindl. Theaceae.**

From Taiwan. Plants presented by Nelson H. Fritz, J. G. White Engineering Corporation, Taipei. Received Apr. 30, 1952.

**200894. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.**

From Canada. Tubers presented by D. J. Macleod, Fredericton, New Brunswick. Received Apr. 30, 1952.

**200895 to 201033.**

From Central America and Mexico. Seeds collected by Oliver W. Norvell, Carnegie Institution of Washington, Stanford, Calif. Received Apr. 29, 1952.

Unless otherwise noted, seeds were collected in Guatemala.

**200895. *CAJANUS CAJAN* (L.) Druce. Fabaceae. Pigeonpea.**

No. 3444. Jalapa.

**200896. *CANAVALIA* sp. Fabaceae.**

No. 3453. Jalapa.

**200897. *CANAVALIA* sp.**

No. 3350. Cuilapa.

**200898. *CANAVALIA* sp.**

No. 3351. Cuilapa.

**200899 and 200900. *CENTROSEMA PUBESCENS* Benth. Fabaceae.**

200899. No. 3382. Ahuachapán, El Salvador.

200900. No. 3383. Ahuachapán, El Salvador.

**200901. *CENTROSEMA* sp.**

No. 3385. Ahuachapán, El Salvador.

**200902. *PHASEOLUS ACUTIFOLIUS* A. Gray. Fabaceae.**

No. 3421. Zacatecoluca, El Salvador.

**200895 to 201033—Continued****200903. PHASEOLUS ATROPURPUREUS DC.**

No. 3467. Esquipulas.

**200904. PHASEOLUS CALCARATUS Roxb.****Rice bean.**

No. 3402. Ahuachapán, El Salvador.

**200905. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3491. Cobán.

**200906 to 200934. PHASEOLUS LUNATUS L.****Lima bean.****200906 to 200910.** Cuilapa.

200906. No. 3343.

200909. No. 3344c.

200907. No. 3344a.

200910. No. 3345.

200908. No. 3344b.

**200911 to 200917.** Ahuachapán, El Salvador.

200911. No. 3373.

200915. No. 3395.

200912. No. 3374.

200916. No. 3398.

200913. No. 3375.

200917. No. 3401.

200914. No. 3389.

**200918 to 200921.** Cojutepeque, El Salvador.

200918. No. 3404.

200920. No. 3407. Seeds brown.

200919. No. 3406. Seeds black.

200921. No. 3410.

**200922.** No. 3420. Zacatecoluca, El Salvador.**200923.** No. 3422. Zacatecoluca, El Salvador.**200924 to 200929.** Jalapa.

200924. No. 3445.

200927. No. 3459.

200925. No. 3446.

200928. No. 3460.

200926. No. 3458.

200929. No. 3461.

**200930.** No. 3483. Amatitlán.**200931.** No. 3490. Cobán.**200932.** No. 3534.**200933.** No. 3535.**200934.** No. 3536.**200935. PHASEOLUS TENELLUS Piper.**

No. 3321. Quezaltenango.

**200936 to 201006. PHASEOLUS VULGARIS L.****Common bean.****200936.** No. 3296. Arriaga, Chiapas, Mexico.**200937.** No. 3299. Tapachula, Chiapas, Mexico.**200938.** No. 3300. San Marcos.**200939.** No. 3301. San Marcos.**200940 to 200952.** Quezaltenango.

200940. No. 3303.

200947. No. 3311.

200941. No. 3304.

200948. No. 3312.

200942. No. 3305.

200949. No. 3313.

200943. No. 3306.

200950. No. 3314.

200944. No. 3307.

200951. No. 3315.

200945. No. 3308.

200952. No. 3342.

200946. No. 3310.

**200895 to 201033—Continued****200936 to 201006—Continued**

200953. No. 3362. Cuilapa.

200954. No. 3363. Cuilapa.

200955 to 200958. Ahuachapán, El Salvador.

200955. No. 3368.

200957. No. 3397.

200956. No. 3396.

200958. No. 3400.

200959 to 200961. Cojutepeque, El Salvador.

200959. No. 3403.

200960. No. 3405.

200961. No. 3408.

200962. No. 3417. Ocotepeque, Honduras.

200963. No. 3423. Zacatecoluca, El Salvador.

200964. No. 3425. San Salvador, El Salvador.

200965. No. 3427. San Salvador, El Salvador.

200966. No. 3430. Asunción Mita.

200967. No. 3431. Asunción Mita.

200968. No. 3432. Jutiapa.

200969. No. 3433.

200970. No. 3434. Barberena.

200971. No. 3435. Barberena.

200972 to 200978. Jalapa.

200972. No. 3437.

200976. No. 3441.

200973. No. 3438.

200977. No. 3442.

200974. No. 3439.

200978. No. 3443.

200975. No. 3440.

200979. No. 3465.

200980. No. 3475. Amatitlán.

200981 to 200999. Cobán.

200981. No. 3484.

200991. No. 3502.

200982. No. 3485.

200992. No. 3505.

200983. No. 3486.

200993. No. 3506.

200984. No. 3487.

200994. No. 3508.

200985. No. 3488.

200995. No. 3509.

200986. No. 3489.

200996. No. 3510.

200987. No. 3492.

200997. No. 3511.

200988. No. 3493.

200998. No. 3513.

200989. No. 3494.

200999. No. 3514.

200990. No. 3501.

201000. No. 3530.

201001. No. 3531.

201002. No. 3532.

201003. No. 3529. Baja Verapaz.

201004. No. 3533.

201005. No. 3537.

201006. No. 3538.

## 200895 to 201033—Continued

201007 and 201008. *PHASEOLUS XANTHOTRICHUS* Piper.

201007. No. 3331. Quezaltenango.

201008. No. 3332. Quezaltenango.

201009. *PHASEOLUS* sp.

No. 3353. Cuilapa.

201010. *PHASEOLUS* sp.

No. 3338. Quezaltenango.

201011. *PHASEOLUS* sp.

No. 3356. Cuilapa.

201012. *PHASEOLUS* sp.

No. 3357. Cuilapa.

201013. *PHASEOLUS* sp.

No. 3364. Ahuachapán, El Salvador.

201014. *PHASEOLUS* sp.

No. 3365. Ahuachapán, El Salvador.

201015. *PHASEOLUS* sp.

No. 3366. Ahuachapán, El Salvador.

201016. *PHASEOLUS* sp.

No. 3447. Jalapa.

201017. *PHASEOLUS* sp.

No. 3448. Jalapa.

201018. *PHASEOLUS* sp.

No. 3449. Jalapa.

201019. *PHASEOLUS* sp.

No. 3450. Jalapa.

201020. *PHASEOLUS* sp.

No. 3480. Amatitlán.

201021. *TERAMNUS UNCINATUS* (L.) Swartz. Fabaceae.

No. 3371. Ahuachapán, El Salvador.

201022 to 201033. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

201022. No. 3295. Arriaga, Mexico.

201023. No. 3297. Arriaga, Mexico.

201024. No. 3298.

201025 to 201031. El Salvador.

201025. No. 3390. Ahuachapán.

201029. No. 3424. Zacatecoluca.

201026. No. 3399. Ahuachapán.

201039. No. 3426. San Salvador.

201027. No. 4309. Cojutepeque.

201031. No. 3428. San Salvador.

201028. No. 3412. Cojutepeque.

201032. No. 3495. Cobán.

201033. No. 3522. Baja Verapaz.

**201034 to 201091.**

From California. Plants growing at the Huntington Estate, Los Angeles. Numbered Apr. 30, 1952.

Collected in Mexico by H. S. Gentry and Charles L. Gilly, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.

Collected in 1951, unless otherwise noted.

**201034. AGAVE sp. Amaryllidaceae.**

No. 10502. North of Ocotillo along highway to Tepic, Nayarit. May 24. Altitude 4,000 feet. Acaulescent to short-caulescent; inflorescence up to 15 feet high.

**201035. AGAVE sp.**

No. 10504. North of Ocotillo by highway to Tepic, Nayarit. May 24. Altitude 4,000 feet.

**201036 to 201038. East of El Batel, Sinaloa, along highway to Durango, Durango.****201036. AGAVE sp.**

No. 10520. Altitude 4,000 to 4,500 feet. Acaulescent.

**201037. AGAVE sp.**

No. 10522. May 28. Altitude 4,500 to 5,500 feet. Acaulescent to short-caulescent.

**201038. AGAVE sp.**

No. 10523. May 28. Altitude 4,000 to 5,500 feet. Acaulescent; inflorescence 3 to 5 feet high.

**201039. AGAVE sp.**

No. 10541. Rio Chico, about 20 miles west of Durango, Durango. May 31. Altitude 7,200 feet. Acaulescent, single trunk or caespitose.

**201040 to 201042. AGAVE PATONI Trel.**

South of Chinacates, Durango.

**201040.** No. 10551. Along railroad. June 4. Altitude 6,500 feet. Acaulescent to short-stemmed.

**201041.** No. 10553. June 3. Differs from No. 10551 (P. I. 201040) in the large pale yellow-green leaves with long marginal teeth.

**201042.** No. 10554. June 3. Differs from P. I. 201041 in the more acuminate, small pale yellow-green leaves.

**201043. AGAVE sp.**

No. 10557. Cultivated. Tapias, Coloradas, Durango. Altitude 7,000 feet. June 6. Inflorescence about 24 feet high.

**201044. AGAVE sp.**

No. 10559. *Maguey Cenizo*. Cultivated. Nombre de Dios, Durango. June 7. Acaulescent. Cultivated for pulque.

**201045. AGAVE sp.**

No. 10561. *Maguey Verde*. Nombre de Dios, Durango. June 7. Cultivated. Small, acaulescent.

**201046 to 201050. Sierra Papanton, along highway 14 miles northwest of Sombrebrete, Zacatecas. June 8. Altitude 7,500 feet.****201046. AGAVE sp.**

No. 10566. Short-stemmed.

**201047. AGAVE sp.**

No. 10568.

**201034 to 201091—Continued****201046 to 201050—Continued**

201048. AGAVE sp.

No. 10570.

201049. AGAVE sp.

No. 10575. Open rocky slope.

201050. AGAVE sp.

No. 10571. Acaulescent.

201051. AGAVE sp.

No. 10576. Sierra Registro, 18 miles southeast of Ciudad Durango on road to Nombre de Dios, Durango. June 8. Acaulescent.

201052. AGAVE sp.

No. 10585. Sierra Registro, about 10 miles south of Boca de Mesquital, June 11. Altitude about 5,500 feet. Solitary or sometimes cespitose.

201053. AGAVE VILMORINIANA Berger.

No. 10587. *Lechuguilla*. Sierra Registro, about 10 miles south of Boca de Mesquital, Durango. June 11. Altitude 5,500 feet. Acaulescent, single or cespitose sprawling rosettes.

201054. AGAVE sp.

No. 10589. Sierra Registro, about 6 miles south of Boca de Mesquital, Durango. June 11. Altitude 5,700 feet.

201055. AGAVE sp.

No. 10591. Sierra Registro, about 12 miles south of Boca de Mesquital, Durango. June 11. Inflorescence 9 to 16 feet tall.

201056. AGAVE sp.

No. 10592. Sierra Registro, about 8 miles south of Boca de Mesquital, Durango. June 11. Altitude 5,500 feet.

201057. AGAVE ASPERRIMA Jacobi.

No. 10595. Six miles southeast of Pedricena along highway to Torreon. June 12. Altitude 4,900 feet. Acaulescent.

201058. AGAVE LECHUGUILLA Torr.

No. 10597. Six miles southeast of Cuencamé along highway to Torreon, Durango. June 12. Altitude 4,900 feet. Acaulescent; inflorescence up to 15 feet high. Species used locally for fiber export.

201059. AGAVE FALCATA Engelm.

No. 10601. Six miles southeast of Cuencamé, along highway to Torreon, Durango. June 12. Altitude 4,900 feet. Short caulescent, cespitose; inflorescence up to 6 feet high.

201060. AGAVE sp.

No. 10608. Hill near Yerbánis, Durango. June 12.

201061. AGAVE sp.

No. 10618. Northeast of Palmito, Durango. June 16. Altitude about 7,500 feet. Large, acaulescent.

201062. AGAVE sp.

No. 10626. Near Palmito, Durango. June 16. Similar to 10618.

201063. FURCRAEA sp. Amaryllidaceae.

No. 10681. Near Jalcocotán, Nayarit. June 24. About 2,800 feet altitude. Large, acaulescent.

201064. AGAVE sp. Amaryllidaceae.

No. 10704. East of Mazatán, Nayarit. June 27. Stems about 3 feet long, mostly single; inflorescence about 30 feet tall.



**201034 to 201091—Continued****201065. AGAVE sp.**

No. 10706. Mirador del Aguila, 15 miles northwest of Tepic, Nayarit. June 28. Acaulescent, few-leaved.

**201066. AGAVE sp.**

No. 10751. Above Jalcocotán, lower slopes of southern Sierra San Juan, Nayarit. July 5. Robust, acaulescent.

**201067. AGAVE sp.**

No. 10756. Eight miles west of Compostela, Nayarit. July 6. Caulescent, stem 5 feet long; inflorescence 15 to 18 feet tall.

**201068. AGAVE sp.**

No. 10805. Southern slope of Sierra San Juan, Nayarit. July 9. Acaulescent to short-stemmed; inflorescence up to 30 feet tall.

**201069. AGAVE sp.**

No. 10806. Jalisco, Nayarit. July 9. Cultivated along fence row. Rigid, narrow, ascending leaves; inflorescence about 24 feet tall.

**201070. MANFREDIA sp. Amaryllidaceae.**

No. 10871. Twenty-four miles south of Tepic along highway to Guadalajara, Jalisco. July 16. Altitude 4,000 to 4,500 feet.

**201071 to 201073. Barranc de Colimilla, about 4 miles northeast of Guadalajara, Jalisco. July 19.****201071. MANFREDIA sp.**

No. 10886.

**201072. AGAVE EDUARDI Trel. Amaryllidaceae.**

No. 10893.

**201073. AGAVE sp.**

No. 10903.

**201074 to 201078. Ten to twelve miles east of Tecolotlán, Jalisco. July 21 to 24.****201074. AGAVE sp.**

No. 10919.

**201075. AGAVE sp.**

No. 10920. Cutover oak woodland on volcanics. Rosettes small, broad, glaucous. Related to *A. mescal*, but differs from it in small size, compact rosette, and pale glaucous character.

**201076. AGAVE sp.**

No. 10921.

**201077. AGAVE sp.**

No. 10922.

**201078. AGAVE sp.**

No. 10923.

**201079. AGAVE sp.**

No. 10936. Twenty miles west of Tecolotlán, Jalisco. July 22.

**201080. AGAVE sp.**

No. 10942. Eight to ten miles southwest of Autlán, Jalisco. July 23. Small rosettes.

**201081. AGAVE sp.**

No. 10950. Eight to ten miles southwest of Autlán, Jalisco. July 23. Small single rosettes.

**201034 to 201091—Continued**

201082. *MANFREDA* sp. Amaryllidaceae.

No. 10975. Eighteen to twenty miles southwest of Autlán, Jalisco. July 23. Altitude 2,000 to 2,500 feet.

201083. *AGAVE* sp. Amaryllidaceae.

No. 11007. Seven to eight miles southwest of Tecolotlán, Jalisco. July 27. Small radial rosettes.

201084. *AGAVE* sp.

No. 11020. Santa Maria del Oro, Nayarit. Aug. 2. In cultivation as field hedge. Very large rosettes; inflorescence 19 feet tall.

201085. *MANFREDA* sp. Amaryllidaceae.

No. 11024. Santa Maria del Oro, Nayarit. Aug. 2.

201086. *AGAVE* sp. Amaryllidaceae.

No. 11036. Open hills of Sierra San Juan, Tepic, Nayarit. August.

201087. *AGAVE* sp.

No. 11630. Sierra Jojoba (Sierra Garambullo group), Sonora. Mar. 23, 1952.

201088. *AGAVE* sp.

No. 11633. *Potrero de los Lechuguillas*. Sierra Saguaribo, Sonora. March 1952. Small balled rosettes.

201089. *AGAVE COLORATA* Gentry.

No. 11641. Sierra Bojihuacame, foothills east of Gajene, Sonora. March 1952.

201090. *AGAVE PALMERI* Engelm.

No. 11644. On rolling hills in Mexico, south of Nogales, Ariz. Mar. 21, 1952.

201091. *YUCCA* sp. Liliaceae.

No. 10605. Four miles northeast of Guencame along highway to Torreon. June 12.

**201092 and 201093. ABELIA spp. Caprifoliaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered May 1, 1952.

201092. *ABELIA* sp.

Selection No. 1.

201093. *ABELIA* sp.

Selection No. 3.

**201094 to 201148.**

From Austria. Seeds presented by the Bundesanstalt für Alpine Landwirtschaft, Admont. Received May 1, 1952.

201094 to 201096. *AVENA SATIVA* L. Poaceae

Common oats.

201094. *Austria Weiss*.

201095. *Eckendorfer Original*.

201096. *Mauerner Weiss*.

201097. *HORDEUM* sp. Poaceae.

Barley.

*Bayern Mehlauresistente*.

201098. *HORDEUM* sp.

*Heines Haha*.

201099. *HORDEUM* sp.

*Heines Haisa*.

201100. *HORDEUM* sp.

*Pumper 6-zeilige*.

## 201094 to 201148—Continued

201101. HORDEUM sp.

*Schweigers Eriks.*

201102. HORDEUM sp.

*Tiroler Imperial.*

201103. HORDEUM sp.

*Vollkorn Piatti.*

201104. HORDEUM sp.

*Admonter Stamm 3.*

201105. HORDEUM sp.

*Admonter Stamm 8.*

201106. HORDEUM sp.

*Admonter Stamm 11.*

201107. HORDEUM sp.

*Admonter Stamm 31.*

201108. HORDEUM sp.

*Dr. Lasser Stamm 1.*

201109. HORDEUM sp.

*Immendorfer Harriet.*

201110. HORDEUM sp.

*Tschermaks 2-zeilige.*

201111. HORDEUM sp.

*Wieselburger 2-zeilige.*

201112 to 201127. SECALE CEREALE L. Poaceae.

Rye.

201112. *Berglandroggan.*201121. *Otterbacher.*201113. *Edelhofer.*201122. *Petkuser Normal.*201114. *Hohenauer.*201123. *Petroneller Tyranauer.*201115. *Janetzkis Neuzucht.*201124. *Schlagler.*201116. *Kefermarkter.*201125. *Tschermaks Verbesserte  
Marchfelder.*201117. *Lungauer Tauern.*201126. *Tschermaks Veredelter  
Marchfelder.*201118. *Marienhofer.*201127. *Wienerwald.*201119. *Melker.*201120. *Oberkarntner.*

201128 to 201148. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

201128. *Admonter Früh.*201138. *Reichersberger Stamm 42.*201129. *Admonter Frühester  
Stamm 189.*201139. *Stamm 22 (Admont).*201130. *Alpine Neuzucht 12.*201140. *Stamm 97.*201131. *Dr. Lassers Dickkopf.*201141. *Stamm 101.*201132. *Kadolzer Pr. II.*201142. *Egglifinger Hohenstaufer.*201133. *Kadolzer ZI.*201143. *Huron.*201134. *Loosdorfer Bart.*201144. *Janetzkis Früh.*201135. *Mauerner Dickkopf.*201145. *Janetzkis Jabo.*201136. *Neuzucht 602.*201146. *Probstdorfer Manitoba.*201137. *Reichersberger Kolben.*201147. *Tiroler Früher Binkel.*201148. *Znaimer × Tucson.*

**201149 to 201169. SACCHARUM. Poaceae.****Sugarcane.**

From India. Cuttings presented by the Director, Sugarcane Breeding Institute, Coimbatore, Madras. Received May 1, 1952.

201149. Co. 205.	201160. Co. 602.
201150. Co. 393.	201161. Co. 617.
201151. Co. 395.	201162. Co. 622.
201152. Co. 396.	201163. Co. 644.
201153. Co. 449.	201164. Co. S. 109.
201154. Co. 467.	201165. Co. S. 245.
201155. Co. 475.	201166. Co. S. 321.
201156. Co. 508.	201167. Co. K. 32.
201157. Co. 513.	201168. B. O. 10.
201158. Co. 527.	201169. B. O. 11.
201159. Co. 559.	

**201170. DIOSCOREA sp. Dioscoreaceae.**

From Mexico. Tubers presented by Gabriel Flores, Córdoba, Veracruz. Received May 2, 1952.

**201171. TRIFOLIUM FRAGIFERUM L. Fabaceae. Strawberry clover.**

From Chile. Seeds presented by C. Bornhardt, Hacienda La Palma, Laja. Received May 5, 1952.

**201172 and 201173. DIOSCOREA FLORIBUNDA Mart. & Gal. Dioscoreaceae.**

From Guatemala. Tubers presented by Merck and Company, Rahway, N. J. Received May 6, 1952.

201172. Small tubers.

201173. Large tubers.

**201174. SYRINGA sp. Oleaceae.****Lilac.**

From Korea. Seeds presented by E. M. Meader, University of New Hampshire, Durham, N. H. Received May 6, 1952.

From the Pook Han Mountains, 7 miles north of Seoul. Nov. 11, 1947.

**201175 to 201177. ORYZA SATIVA L. Poaceae.****Rice.**

From the Union of South Africa. Seeds obtained through the Agricultural Attaché, American Embassy, Pretoria, Transvaal. Received May 6, 1952.

201175. *Blue Nile*.

201176. *D. S. No. 1*. Hungarian 4-months variety.

201177. *U. V. S.* Unhlatuzi Valley Sugar Company.

**201178 to 201197.**

From the Netherlands. Seeds presented by the Rijks-Instituut voor Rassenonderzoek van Landbouwgewassen, Wageningen.. Received May 6, 1952.

201178. *AVENA SATIVA L. Poaceae.*

**Common oats.**

*Libertas*.

201179 to 201182. *FESTUCA ELATIOR L. Poaceae.*

**Meadow fescue.**

201179. *CB.* (Low.)

201181. *MSG.* (Tall.)

201180. *MSG.* (Low.)

201182. *Pajbjerg I.* (Tall.)

201183. *HORDEUM sp. Poaceae.*

**Barley.**

*Agio*.

## 201178 to 201197—Continued

201184. *LINUM USITATISSIMUM* L. Linaceae. Flax.  
*Wiera.*

201185 to 201190. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.

201185. *Barenza* (Low.) 201188. *Hunsballe* I.

201186. *Barenza* (Tall.) 201189. *MSG.*

201187. *Heraf.* 201190. *Pajbjerg* I.

201191. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.

201192. *TRIFOLIUM REPENS* L. White clover.

201193 to 201196. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

201193. *Koga.* 201195. *Heines VII.*

201194. *Peko.* 201196. *Minister.*

201197. *VICIA SATIVA* L. Fabaceae. Common vetch.

201198. *HYDROCOTYLE* sp. Apiaceae.

From Argentina. Cuttings collected by Alan A. Beetle, Agricultural Explorer,  
 Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
 Md. Received May 6, 1952.

Pl. 598. Mendoza, Mendoza. Apr. 23, 1952.

## 201199 to 201216.

From Australia. Seeds presented by Dr. William Hartley, Division of Plant  
 Industry, Canberra. Received May 7, 1952.

201199. *BOSSIAEA BUXIFOLIA* A. Cunn. Fabaceae.

C. 250.

201200. *BOSSIAEA FOLIOSA* A. Cunn.

C. 301.

201201. *DAVIESIA CORYMBOSA* Sm. Fabaceae.

C. 215.

201202. *KENNEDYA PROREPENS* Muell. Fabaceae.

W. 370.

201203. *KENNEDYA PROSTRATA* R. Br.

W. 360.

201204. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat. Fabaceae.

S. 2.

201205 and 201206. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban.

201205. V. 37.

201206. S. 1. Received as var. *sardoa*.

201207. *MEDICAGO LUPULINA* L.

Black medic.

V. 48.

201208. *MEDICAGO SATIVA* L.

Alfalfa.

S. 87. *Booborowie Strain.*

201209. *TRIFOLIUM BALANSAE* Boiss. Fabaceae.

S. 15.

201210. *TRIFOLIUM FRAGIFERUM* L.

Strawberry clover.

S. 18.

201211. *TRIFOLIUM GLOMERATUM* L.

V. 22.

**201199 to 201216—Continued**201212. *TRIFOLIUM HYBRIDUM* L.

Alsike clover.

V. 49.

201213. *TRIFOLIUM PALLIDUM* Waldst. & Kit.

S. 11.

201214. *TRIFOLIUM REPENS* L.

White clover.

V. 47.

201215. *TRIFOLIUM SUBTERRANEUM* L.

Subterranean clover.

S. 63. *Clare Strain*.201216. *TRIFOLIUM RADIOSUM* Wahl.

S. 17.

**201217 to 201219. *PISTACIA VERA* L. Anacardiaceae.****Pistacio.**

From Iran. Seeds presented by Gh. R. Agah, Rafsenjan. Received May 8, 1952.

201217. No. 1.

201218. No. 2.

201219. No. 3.

**201220. *LIPPIA* sp. Verbenaceae.**

From Argentina. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 12, 1952.

No. 640. San Luis, San Luis. Apr. 25, 1952. *Pepperita*.**201221. *CRATAEGUS PUBESCENS* Steud. Malaceae. Mexican hawthorn.**

From the Union of South Africa. Seeds presented by the Division of Agricultural Education and Research, Pretoria, Transvaal. Received June 19, 1952.

**201222. *SACCHARUM*. Poaceae.****Sugarcane.**

From Peru. Cuttings presented by Tomas Fernandez, Sociedad Agricola Paramonga Ltd., Lima. Received May 15, 1952.

*C. G. 12-7-45. Blue cane.***201223 to 201397.**

From Mexico and Guatemala. Seeds collected by Oliver W. Norvell, Carnegie Institution of Washington, Stanford, Calif. Received May 8, 1952.

Unless otherwise noted, material is from Mexico.

**201223 to 201248. *CAPSICUM FRUTESCENS* L. Solanaceae.****Redpepper.****201223 to 201240. Oaxaca, Oaxaca.**201223. No. 3233. *Cascadera*.201232. No. 3242. *Chilguacle Rijo*.201224. No. 3234. *Chile Amarillo*.201233. No. 3243. *Mulatto Negro*.201225. No. 3235. *Guacizo*.201234. No. 3244. *Chilcote*.201226. No. 3236. *Costeño*.201235. No. 3245. *Pasillo Mexicano*.201227. No. 3237. *Chile Archo Colorado*.201236. No. 3246. *Pasillo*.201228. No. 3238. *Chillepe*.201237. No. 3247. *Chilpocle Mico*.201229. No. 3239. *Chile de Oro*.201238. No. 3248. *Chilencho Negro*.201230. No. 3240. *Chilpocle Bonita*.201239. No. 3249. *Chile Archo San Luis*.201231. No. 3241. *Chilguacle Amarillo*.201240. No. 3250. *Chilguacle*.

**201223 to 201397—Continued****201223 to 201248—Continued**

**201241 to 201245.** Tapachula, Chiapas.

201241. No. 3281. *Chile Archo*.

201244. No. 3290. *Serano*.

201242. No. 3288. *Pasillo*.

201245. No. 3291. *Juajillo*.

201243. No. 3289. *Cascavel*.

201246. No. 3579. *Chile Blanco*. Tuxtla Gutiérrez, Chiapas.

201247. No. 3580. *Chile Cascavel*. Tuxtla Gutiérrez, Chiapas.

201248. (No number.) *Chile Cerano*. Tuxtla Gutiérrez, Chiapas.

**201249.** CENTROSEMA sp. Fabaceae.

No. 3285. Tapachula, Chiapas.

**201250.** CITRUS sp. Rutaceae.

No. 3223. Flesh almost white, sweet, with lemon-like odor.

**201251.** CRANIOLARIA ANNUA L. Martyniaceae.

No. 3275. Tehuantepec, Oaxaca.

**201252 to 201254.** CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. **Cushaw.**

201252. No. 3207. Huauchinango, Puebla.

201253. No. 3597. Oaxaca, Oaxaca.

201254. No. 3598. Oaxaca, Oaxaca.

**201255.** DIOSCOREA sp. Dioscoreaceae.

No. 3146. From 62 km. north of Cuernavaca, Morelos.

**201256.** DIOSCOREA sp.

No. 3147. From 62 km. north of Cuernavaca, Morelos.

**201257.** DIOSCOREA sp.

No. 3148. Cuernavaca, Morelos.

**201258.** DIOSCOREA sp.

No. 3149. Cuernavaca, Morelos.

**201259.** DIOSCOREA sp.

No. 3267. Sierra de San Felipe, Oaxaca.

**201260 to 201263.** Tehuantepec, Oaxaca.

201260. GALACTIA sp. Fabaceae.

No. 3269.

201261. GALACTIA sp.

No. 3270.

201262. GALACTIA sp.

No. 3271.

201263. GALACTIA sp.

No. 3272.

**201264.** GALACTIA sp.

No. 3283. Tapachula, Chiapas.

**201265.** JACQUINIA PUNGENS A. Gray. Theophrastaceae.

No. 3274. Tehuantepec, Oaxaca.

**201266 and 201267.** LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

201266. No. 3251. Oaxaca, Oaxaca.

201267. No. 3276. Tehuantepec, Oaxaca.

**201268.** PHASEOLUS ACUTIFOLIUS A. Gray. Fabaceae.

No. 3286. Tapachula, Chiapas.

**201223 to 201397—Continued****201269. PHASEOLUS FORMOSUS H. B. K.**

No. 3138. North of Cuernavaca, Morelos.

**201270. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3145. North of Cuernavaca, Morelos.

**201271 to 201286. From the State of Morelos.**Received as *Phaseolus glaucocarpus*, an apparently unpublished name.**201271. PHASEOLUS sp.****201279. PHASEOLUS sp.**

No. 3120.

No. 3128.

**201272. PHASEOLUS sp.****201280. PHASEOLUS sp.**

No. 3121.

No. 3129.

**201273. PHASEOLUS sp.****201281. PHASEOLUS sp.**

No. 3122.

No. 3130.

**201274. PHASEOLUS sp.****201282. PHASEOLUS sp.**

No. 3123.

No. 3131.

**201275. PHASEOLUS sp.****201283. PHASEOLUS sp.**

No. 3124.

No. 3132.

**201276. PHASEOLUS sp.****201284. PHASEOLUS sp.**

No. 3125.

No. 3133.

**201277. PHASEOLUS sp.****201285. PHASEOLUS sp.**

No. 3126.

No. 3134.

**201278. PHASEOLUS sp.****201286. PHASEOLUS sp.**

No. 3127.

No. 3135.

**201287 to 201289. PHASEOLUS LUNATUS L.****Lima bean.**

201287. No. 3566. Tuxtla Gutiérrez, Chiapas.

201288. No. 3577. Tuxtla Gutiérrez, Chiapas.

201289. No. 3545. Antigua, Guatemala.

**201290 to 201294. PHASEOLUS VULGARIS L.****Common bean.**

From the State of Puebla.

201290. No. 3150.

201293. No. 3154.

201291. No. 3151.

201294. No. 3155.

201292. No. 3152.

**201295. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3156. From the State of Puebla.

**201296. PHASEOLUS VULGARIS L.****Common bean.**

No. 3157. From the State of Puebla.

**201297. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3158. From the State of Puebla.

**201298 to 201308. PHASEOLUS VULGARIS L.****Common bean.**

201298 to 201304. From the State of Puebla.

201298. No. 3159.

201302. No. 3163.

201299. No. 3160.

201303. No. 3164.

201300. No. 3161.

201304. No. 3165.

201301. No. 3162.

**201305 to 201308. Apizaco, Tlaxcala.**

201305. No. 3167.

201307. No. 3169.

201306. No. 3168.

201308. No. 3170.



**201223 to 201397—Continued****201309. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3171. Apizaco, Tlaxacala.

**201310 to 201335. PUASEOLUS VULGARIS L.****Common bean.****201310 to 201320.** From the State of Tlaxcala.

201310. No. 3172. Apizaco.

201316. No. 3179.

201311. No. 3173. Apizaco.

201317. No. 3180.

201312. No. 3174. Apizaco.

201318. No. 3181.

201313. No. 3175. Apizaco.

201319. No. 3182.

201314. No. 3177.

201320. No. 3183.

201315. No. 3178.

**201321.** No. 3184. From the State of Puebla.**201322.** No. 3182. From the State of Puebla.**201323 to 201335.** Tulancingo, Hidalgo.

201323. No. 3186.

201330. No. 3195.

201324. No. 3187.

201331. No. 3196.

201325. No. 3188.

201332. No. 3197.

201326. No. 3189.

201333. No. 3198.

201327. No. 3191.

201334. No. 3199.

201328. No. 3192.

201335. No. 3200.

201329. No. 3194.

**201336. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3201. Tulancingo, Hidalgo.

**201337 to 201351. PHASEOLUS VULGARIS L.****Common bean.****201337.** No. 3202. Tulancingo, Hidalgo.**201338 to 201350.** Huauchinango, Puebla.

201338. No. 3203.

201345. No. 3211.

201339. No. 3204.

201346. No. 3212.

201340. No. 3205.

201347. No. 3213.

201341. No. 3206.

201348. No. 3214.

201342. No. 3208.

202349. No. 3215.

201343. No. 3209.

201350. No. 3216.

201344. No. 3210.

**201351.** No. 3218. Pachuca, Hidalgo.**201352. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3219. Pachuca, Hidalgo.

**201353 to 201355. PHASEOLUS VULGARIS L.****Common bean.****201353.** No. 3220. Pachuca, Hidalgo.**201354.** No. 3221. Pachuca, Hidalgo.**201355.** No. 3224. Toluca, State of Mexico.**201356. PHASEOLUS COCCINEUS L.****Scarlet runner bean.**

No. 3225. Toluca, State of Mexico.

**201223 to 201397—Continued****201357 to 201389. PHASEOLUS VULGARIS L.****Common bean.**

201357 to 201363. Toluca, State of Mexico.

201357. No. 3226.

201361. No. 3230.

201358. No. 3227

201362. No. 3231.

201359. No. 3228.

201363. No. 3232.

201360. No. 3229.

201364. No. 3287. Tapachula, Chiapas.

201365. No. 3563. Huehuetenango, Guatemala.

201366 to 201374. Tuxtla, Chiapas.

201366. No. 3565.

201371. No. 3572.

201367. No. 3567.

201372. No. 3574.

201368. No. 3568.

201373. No. 3575.

201369. No. 3569.

201374. No. 3576.

201370. No. 3570.

201375 to 201389. Oaxaca, Oaxaca.

201375. No. 3581.

201383. No. 3589.

201376. No. 3582.

201384. No. 3590.

201377. No. 3583.

201385. No. 3591.

201378. No. 3584.

201386. No. 3592.

201379. No. 3585.

201387. No. 3593.

201380. No. 3586.

201388. No. 3594.

201381. No. 3587.

201389. No. 3595.

201382. No. 3588.

**201390 and 201391. PISUM SATIVUM L. Fabaceae.****Pea.**

201390. No. 3153. State of Puebla.

201391. No. 3176. State of Tlaxcala.

**201392. RHYNCHOSIA sp. Fabaceae.**

No. 3284. Tapachula, Chiapas.

**201393 and 201394. VIGNA SINENSIS (Torner) Savi. Fabaceae.****Cowpea.**

201393. No. 3217. Huauchinango, Puebla.

201394. No. 3573. Tuxtla Gutiérrez, Chiapas.

**201395 to 201397. ZEA MAYS L. Poaceae.****Corn.**

201395. No. 3166. State of Tlaxcala.

201396. No. 3190. Tulancingo, Hidalgo.

201397. No. 3192. Tulancingo, Hidalgo.

**201398. CHRYSOPHYLLUM CAINITO L. Sapotaceae.**

From Thailand. Seeds presented by Frank Dickinson, Ministry of Education, Bangkok. Received May 12, 1952.

**201399 to 201409. SOLANUM TUBEROSUM L. Solanaceae.****Potato.**

From Scotland. Tubers presented by the Scottish Society for Research in Plant Breeding, Craigs House, Corstorphine, Edinburgh. Received May 12, 1952.

201399. CPC 2127.

201402. SSRPB 1512 c (16).

201400. SSRPB 735.

201403. SSRBP 1253 a (12).

201401. SSRPB 835 a (4).

201404. SSRPB 1563 c (14).

**201399 to 201409—Continued**201405. *SSRPB 1647 b (1)*.201408. *SSRPB 1488 b (1)*.201406. *SSRPB 1506 b (9)*.201409. *SSRPB 885 (4)*.201407. *SSRPB 1682 c (16)*.**201410 to 201418. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Australia. Seeds presented by the Department of Agriculture, Perth, Western Australia. Received May 12, 1952.

Grown at the Agricultural Research Stations, Merredin and Wongan Hills.

201410. *Bencubbin 48*. Merredin.201411. *Brolga P 5240*. Wongan Hills.201412. *Curlew P 5241*. Wongan Hills.201413. *Dundee 48 P 4794*. Wongan Hills.201414. *Javelin 48 P 4795*. Wongan Hills.201415. *Rapier 48 P 4800*. Wongan Hills.201416. *Ridley 48 P 4797*. Merredin.201417. *Scimitar 48 P 4798*. Wongan Hills.201418. *Seewari 48 P 4799*. Wongan Hills.**201419 and 201420. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

From Japan. Seeds presented by the Fujita Seed Company, Ltd., Umedacho, Osaka. Received May 12, 1952.

201419. *Asahi 4x × Yamato Improved 2x*. Seedless. (Striped rind.)201420. *Yamato 4x × Asahi 2x*. Seedless. (Rind not striped.)**201421 to 201433. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Australia. Seeds presented by the Division of Plant Industry, Canberra, A. C. T. Received May 12, 1952.

201421. *Wu-Kung 32-288*.201428. *41 S 31*.201422. *Wu-Kung 32-547*.201429. *42 S 6*.201423. *Wu-Kung 509*.201430. *45 S 2*.201424. *34 S 51*.201431. *45 S 95*.201425. *34 S 395*.201432. *45 S 96*.201426. *35 S 277*.201433. *45 S 101*.201427. *40 S 35*.**201434 to 201436.**

From Mexico. Collected by Charles L. Gilly and Efraim Hernandez X., Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 13, 1952.

201434. *DIOSCOREA* sp. Dioscoreaceae.

No. 7117. (No notes.) (Tuber.)

201435. *FURCRAEA* sp. Amaryllidaceae.

No. 7121. West of San Cristóbal de las Casas, along highway to Tuxtla Gutiérrez, Chiapas. Aug. 14, 1951. (Bulbs.)

201436. *MANFREDA* sp. Amaryllidaceae.

No. 7100. Market, Oaxaca, Oaxaca. Aug. 11, 1951. (Bulbs.)

**201437. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Iran. Seeds presented by H. V. Geib, Agricultural Attaché, American Embassy, Tehran. Received May 13, 1952.

**201438 to 201450.**

From India. Seeds presented by Sri C. Rajasekhara Mudaliar, Government Botanist, Coimbatore. Received May 13, 1952.

201438. *ANDROPOGON ANNULATUS* Forsk. Poaceae.

201439. *ANDROPOGON FOVEOLATUS* Delile.

201440. *ANDROPOGON LIVIDUS* Thwaites.

201441. *ANDROPOGON PERTUSUS* (L.) Willd.

201442. *ANDROPOGON PUMILUS* Roxb.

201443. *CHRYSOPOGON VERTICILLATUS* Trin. Poaceae.

201444. *HETEROPOGON CONTORTUS* (L.) Beauv. Poaceae.

201445. *SORGHUM DOCHNA* (Forsk.) Snowden. Poaceae.

K. 1. Fodder variety with tillering habit and brown grains. Growing season 120 days. Grown in Ramnad and Tirunelveli Districts, Madras State.

201446. *SORGHUM HALEPENSE* (L.) Pers. **Johnson grass.**

A. S. 267. Kovvur, West Godavari, Madras State. Profusely tillering with rhizomes.

201447. *SORGHUM SUDANENSE* (Piper) Stapf. **Sudan grass.**

A. S. 263. From Guntur District, Madras State. Profusely tillering variety.

201448 and 201449. *SORGHUM VULGARE* var. *DURRA* (Forsk.) Hubb. & Rehder.

201448. C. 10. Yellow-grained fodder sorghum; sweet and juicy stalked. Cut for green fodder 105 days after sowing and for grain 150 days after sowing.

201449. C. 11. Yellow-grained fodder variety; sweet and juicy stalked. Can be cut for grain 105 days after sowing; and for green fodder 70 days after sowing.

201450. *THEMEDA TRIANDRA* Forsk. Poaceae. **Rooi grass.**

**201451 to 201463.**

From Chile. Plants collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 13, 1952.

Collected in 1952.

201451. *ACAENA* sp. Rosaceae.

No. 799. Centinella Agricultural Experiment Station, Lago Llanquihue, Osorno Province. May 4.

201452. *ADESMIA* sp. Fabaceae.

No. 545. North of Los Angeles, Bío-Bío Province. May 2.

201453. *ALLIUM* sp. Liliaceae.

No. 544. North of Los Angeles, Bío-Bío Province. May 2.

201454 and 201455. *CHUSQUEA QUILA* Kunth. Poaceae. **Bamboo.**

201454. No. 853. Puerto Octay, Osorno Province. May 6.

201455. No. 853a. Puerto Octay, Osorno Province. May 6.

201456. *LAPAGERIA ROSEA* Ruiz & Pav. Liliaceae. **Copihue.**

No. 873. Puerto Octay, Osorno Province. May 7.

201457. *STIPA* sp. Poaceae. **Needlegrass.**

No. 546. North of Los Angeles, Bío-Bío Province. May 2.

201458. *STIPA* sp.

No. 547. North of Los Angeles, Bío-Bío Province. May 2.

**201451 to 201463—Continued****201459.** (Undetermined.)

No. 798. Centinella Agricultural Experiment Station, Lago Llanquihue, Osorno Province. May 4.

**201460 to 201463.** Puerto Octay, Osorno Province. May 6 and 7.**201460.** (Undetermined.)

No. 858.

**201462.** (Undetermined.)

No. 864.

**201461.** (Undetermined.)

No. 854.

**201463.** (Undetermined.)

No. 876.

**201464 to 201501.**

From Mexico. Seeds collected by Charles L. Gilly and Efraim Hernandez X., Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 14, 1952.

Collected in 1951.

**201464 to 201468.** *CAPSICUM FRUTESCENS* L. Solanaceae.**Redpepper.****201464.** No. 7080. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.**201465.** No. 7086. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.**201466 to 201468.** Market, Oaxaca, Oaxaca. Aug. 11.**201466.** No. 7105.**201467.** No. 7106.**201468.** No. 7107.**201469.** *CICER ARIETINUM* L. Fabaceae.**Chickpea.**

No. 7079. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.

**201470.** *CUCURBITA FICIFOLIA* Bouché. Cucurbitaceae.

No. 7101. Oaxaca, Oaxaca. Aug. 11.

**201471 to 201474.** *CUCURBITA MOSCHATA* Duchesne.**Cushaw.****201471.** No. 7091. Market, Huajuapán de León, Oaxaca. Aug. 10.**201472.** No. 7097. Market, San Cristóbal de las Casas, Chiapas. Aug. 14.**201473.** No. 7109. Market, Oaxaca, Oaxaca. Aug. 11.**201474.** No. 7128. Market, Villahermosa, Tabasco. Aug. 16.**201475.** *CUCURBITA PEPO* L.**Pumpkin.**

No. 7102. Market, Oaxaca, Oaxaca. Aug. 11.

**201476.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.**Tomato.**

No. 7092. Market, Huajuapán de León, Oaxaca, Aug. 10. Fruits cylindrical, 3 inches long and 1½ inches in diameter; medium red to cherry red.

**201477.** *PHASEOLUS COCCINEUS* L. Fabaceae.**Scarlet runner bean.**

No. 7095. Market, San Cristóbal de las Casas, Chiapas. Aug. 14.

**201478 and 201479.** *PHASEOLUS LUNATUS* L.**Lima bean.****201478.** No. 7082. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.**201479.** No. 7083. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.**201480 to 201496.** *PHASEOLUS VULGARIS* L.**Common bean.****201480 to 201482.** Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.**201480.** No. 7081.**201481.** No. 7085.**201482.** No. 7087.

**201464 to 201501—Continued****201480 to 201496—Continued**

201483 to 201485. Market, Huajuapán de León, Oaxaca. Aug. 10.

201483. No. 7088.

201484. No. 7089.

201485. No. 7090.

201486. Market, San Cristóbal de las Casas, Chiapas. Aug. 14.

201487 to 201493. Market, Oaxaca, Oaxaca. Aug. 11.

201487. No. 7103.

201491. No. 7111.

201488. No. 7104.

201492. No. 7112.

201489. No. 7108.

201493. No. 7113.

201490. No. 7110.

201494 to 201496. Market, Villahermosa, Tabasco. Aug. 16.

201494. No. 7125.

201495. No. 7126.

201496. No. 7127.

201497. *PISUM SATIVUM* L. Fabaceae.

**Pea.**

No. 7143. Market, Oaxaca, Oaxaca. Aug. 11.

201498. *VIGNA CYLINDRICA* (L.) Skeels. Fabaceae.

**Catjang.**

No. 7124. Market, Villahermosa, Tabasco. Aug. 16.

201499. *VIGNA SINENSIS* (Torner) Savi.

**Cowpea.**

No. 7083. Market, Tuxtla Gutiérrez, Chiapas. Aug. 14.

201500 and 201501. *ZEA MAYS* L. Poaceae.

**Corn.**

Market, San Cristóbal de las Casas, Chiapas. Aug. 14.

201500. No. 7096. *Mais Olotillo.*

201501. No. 7099. *Mais Olotón.*

201502. *INDIGOFERA HOCHSTETTERI* Baker. Fabaceae.

From Rhodesia. Seeds presented by C. C. Converse, Sabi Experiment Station, Umtali, Southern Rhodesia. Received May 16, 1952.

A rapid-growing prostrate plant from the Sabi Valley at 1,400-foot altitude.

**201503 to 201506.**

From various sources. Seeds presented by Oliver W. Norvell, Carnegie Institution of Washington, Stanford, Calif. Received May 16, 1952.

201503 and 201504. *PASSIFLORA FOETIDA* L. Passifloraceae.

201503. Grown in California; originally collected near Oaxaca, Oaxaca, Mexico.

201504. No. 3382. Tapachula, Chiapas, Mexico.

201505 and 201506. *PHASEOLUS CALCARATUS* Roxb. Fabaceae. **Rice bean.**

201505. 817-7. Selection from a single plant grown from seeds originally obtained from Canton, China.

201506. No. 3559. Jardin Botanico, Guatemala City, Guatemala.

201507 and 201508. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

From Dutch Guiana. Seeds presented by G. G. Von Freyburg, Paramaribo. Received June 10, 1952.

201507. *Gudjah.*

201508. *Schwarz 21.*

**201509 and 201510. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Collected by J. W. Ayers, Agrashell Inc., Easton, Pa. Received June 10, 1952.

**201509. DIOSCOREA sp.**

No. 1. Plants.

**201510. DIOSCOREA sp.**

No. 2. Tubers.

**201511 and 201512. ONOBRYCHIS VICIAEFOLIA Scop. Fabaceae.**

**Sanfoin.**

From England. Seeds presented by Dunns Farm Seeds, Ltd., Salisbury. Received May 19, 1952.

**201511. Hampshire Common.**

**201512. Hampshire Giant.**

**201513 to 201539.**

From Australia. Seeds presented by the Plant Introduction Section, Commonwealth Scientific and Industrial Research Organization, Canberra. Received May 19, 1952.

**201513. ACACIA OBTUSATA Sieb. Mimosaceae.**

N 403.

**201514. ACACIA RUBIDA A. Cunn.**

C 383.

**201515. BOSSIAEA FOLIOSA A. Cunn. Fabaceae.**

C 385.

**201516. CALLISTEMON SALIGNUS (J. E. Sm.) Sweet. Myrtaceae.**

C 388.

**201517. CELMISIA LONGIFOLIA Cass. Asteraceae.**

N 407. *Snow Daisy.*

**201518. CRASPEDIA RICHEA Cass. Asteraceae.**

N 408.

**201519. CRASPEDIA RICHEA var. MACROCEPHALA (Hook.) Benth.**

N 409.

**201520. CRASPEDIA RICHEA Cass.**

N 410.

**201521 and 201522. EUCALYPTUS NIPHOPHILA Maid. & Blakely. Myrtaceae.**

201521. C 396.

201522. N 416.

**201523. EUCALYPTUS PAUCIFLORA Sieber.**

**White gum.**

C 397.

**201524. EUCALYPTUS PERRINIANA (F. Muell.) Rodway.**

N 418.

**201525. EUCALYPTUS STELLULATA DC.**

N 420.

**201526. EUPHRASIA COLLINA R. Br. Scrophulariaceae.**

N 421.

**201527. GREVILLEA AUSTRALIS R. Br. Proteaceae.**

No. 422.

## 201513 to 201539—Continued

201528 and 201529. *HELICHRYSUM ROSMARINIFOLIUM* (Labill.) Less. Asteraceae.

201528. N 425.

201529. N 426.

201530. *HOVEA LONGIFOLIA* R. Br. Fabaceae.

N 428.

201531. *LEUCOPOGON* sp. Epacridaceae.

N 430.

201532. *OLEARIA MEGALOPHYLLA* F. Muell. Asteraceae.

C 401.

201533. *OLEARIA RAMULOSA* Benth.

C 402.

201534. *OLEARIA STELLULATA* DC.

C 403.

201535. *OXYLOBIUM ALPESTRE* F. Muell. Fabaceae.

N 434.

201536 and 201537. *OXYLOBIUM ELLIPTICUM* (Labill.) R. Br.

201536. C. 262. Received as var. *alpina*, an apparently unpublished name.

201537. C. 406.

201538 and 201539. *PODOCARPUS ALPINA* R. Br. Taxaceae.

201538. C. 437.

201539. N. 438.

201540 to 201565. *ZEA MAYS* L. Poaceae.

Corn.

From Yugoslavia. Seeds presented by the Institute for Plant Breeding, Zagreb, through Dr. W. R. Singleton, Brookhaven National Laboratory, Upton, Long Island, N. Y. Received May 19, 1952.

201540 to 201548. (Yellow dent.)

201540. No. 1. *Vokuvar*.

201545. No. 6. *Belje*.

201541. No. 2. *Ruma*.

201546. No. 7. *Vukovar*.

201542. No. 3. *Baukut*.

201547. No. 8. *Hladeuovac*.

201543. No. 4. *Sid*.

201548. No. 9. *Sabac*.

201544. No. 5. *Novi Sad*.

201549. No. 10. *Obreuovac*. (White dent.)

201550. No. 11. *Hladeuovac*. (White dent.)

201551. No. 12. *Oleksiuac*. (White dent.)

201552. No. 13. *Obreuovac*. (White flint.)

201553. No. 15. *Trem*. (Yellow flint.)

201554. No. 16. *Niksic*. (Yellow flint.)

201555. No. 17. *Stapar Kragujevac*. (Yellow flint.)

201556. No. 18. *Ruma*. (Yellow dent.)

201557. No. 20. *Niksic*. (Yellow flint.)

201558. No. 21. *Berauc*. (Yellow flint.)

201559. No. 22. *Kosmaj*. (White flint.)

201560. No. 23. *Ada*. (White flint.)

201561. No. 24. *Trem I*. (Yellow dent.)

201562. No. 25. *Trem II*. (Yellow dent.)



**201540 to 201565—Continued**

201563. No. 26. *Osiyek*. (Yellow dent.)  
 201564. No. 27. *Zemun-Polje*. (Hybrid 49.)  
 201565. No. 28. *Indurata Microsperma*, *Trem*.

**201566 to 201580. Gossypium. Malvaceae.****Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Empire Cotton Growing Corporation, London, England. Received May 19, 1952.

Grown at Shambat; inter- and intra-*herbaceum* crosses.

- |   |  |
|---|--|
| 201566. <i>ANCB 2</i> .                 | 201574. <i>HFA 11</i> × <i>ATI-1</i> . |
| 201567. <i>ANCB 2</i> × <i>HFA 11</i> . | 201575. <i>HFA 11</i> × <i>HTP 8</i> . |
| 201568. <i>ATI-1</i> .                  | 201576. <i>HFI 2A</i> .                |
| 201569. <i>ATS 29</i> .                 | 201577. <i>HFI 2A</i> × <i>HTP 8</i> . |
| 201570. <i>ATS 29</i> × <i>HTP 12</i> . | 201578. <i>HTK 5</i> .                 |
| 201571. <i>HFA 11</i> .                 | 201579. <i>HTP 8</i> .                 |
| 201572. <i>HA 20</i> .                  | 201580. <i>HTP 12</i> .                |
| 201573. <i>HA 20</i> × <i>HTP 8</i> .   |  |

**201581. Cucumis melo L. Cucurbitaceae.****Muskmelon.**

From Portugal. Seeds presented by Jeronimo Pereira, Mendes and Company, Lisbon. Received May 16, 1952.

*Portuguese*.

**201582. Cannabis sativa L. Moraceae.****Hemp.**

From Germany. Seeds presented by the Max Planck Institut für Bastfaserforschung, Niedermarsberg. Received May 19, 1952.

**201583 to 201609. Gossypium. Malvaceae.****Cotton.**

From the Anglo-Egyptian Sudan. Seeds presented by the Cotton Breeding Section, Ministry of Agriculture, Shambat, Khartoum North. Received May 20, 1952.

Originally from Mexico and British Honduras. Unless otherwise mentioned, material was from Mexico.

- |  |                   |
|--|-------------------|
| 201583. RA 31-67. Xochigua, Papantla, Veracruz.            |                   |
| 201584. RA 33-13. Tlacolula, Oaxaca.                       |                   |
| 201585. RA 33-78. El Rodeo, Morelos.                       |                   |
| 201586. RA 34-55. Santa Cruz, Morelos.                     |                   |
| 201587. RA 33-79. Miacatlán, Morelos.                      |                   |
| 201588. RA 33-80. Alejandra, Morelos.                      |                   |
| 201589 to 201597. El Tajin, Papantla, Veracruz.            |                   |
| 201589. RA 31-68.  | 201594. RA 34-57. |
| 201590. UA 33-16.  | 201595. RA 31-70. |
| 201591. UA 33-17.  | 201596. RA 31-71. |
| 201592. RA 31-69.  | 201597. RA 34-58. |
| 201593. RA 34-56.  |                   |
| 201598. UA 33-14. Tamazunchale, San Luis Potosi.           |                   |
| 201599. RA 33-81. Tamazunchale, San Luis Potosi.           |                   |
| 201600. RA 33-82. Axtla, San Luis Potosi.                  |                   |
| 201601. RA 31-74. Xaibe, Corozal, British Honduras.        |                   |
| 201602. RA 31-72. Patch Chakan, Corozal, British Honduras. |                   |

**201583 to 201609—Continued**

201603. RA 31-73. Teclatal, Corozal, British Honduras.

201604. UA 33-12. State of Oaxaca.

201605. UA 31-45. *Lacanha River A.* Chiapas.

201606. UA 31-46. *Lacanha River B.* Chiapas.

201607. RA 33-34. San Bartolo Collotepec, Oaxaca.

201608. RA 33-83. Sonora.

201609. RA 33-84. Sonora.

**201610. EUCALYPTUS TRANSCONTINENTALIS Maiden. Myrtaceae.**

From Australia. Seeds presented by R. H. Patterson, Adelaide, South Australia. Received May 20, 1952.

From the arid zone of the northwestern section of South Australia, about 600 miles from the natural habitat of this species.

**201611. STROPHANTHUS sp. Apocynaceae.**

From Angola. Seeds presented by C. R. Dille, Cuma. Received May 20, 1952.

**201612 to 201614. FRAGARIA. Rosaceae.****Strawberry.**

From Scotland. Plants presented by the Scottish Horticultural Research Institute, Auchincruive, Ayr. Received May 20, 1952.

201612. 5 F 80.

201613. 6 J 4.

201614. AES 146.

**201615. MEDICAGO SATIVA L. Fabaceae.****Alfalfa.**

From Peru. Seeds presented by A. F. Swanson, Agricultural Advisor, Centro Nacional de Investigacion y Experimentation Agrícola de la Molina, Lima. Received May 21, 1952.

*Zahadie.* A prostrate alfalfa growing at 5,500-foot altitude. Originally from Iran.

**201616. ORYZA SATIVA L. Poaceae.****Rice.**

From Italy. Seeds presented by the Università Degli Studi Di Firenze, Firenze. Received May 21, 1952.

*Stirpe 115.*

**201617 and 201618.**

From the Philippine Islands. Seeds presented by the Bureau of Plant Industry, Lamo, Bataan. Presented May 21, 1952.

201617. ALYSICARPUS VAGINALIS (L.) DC. Fabaceae.

**Alyceclover.**

201618. SORGHUM VULGARE Pers. Poaceae.

**201619 to 201636. GOSSYPIMUM. Malvaceae.****Cotton.**

From Ethiopia. Seeds obtained through the Agricultural Experiment Station, Stillwater, Okla. Received May 21, 1952.

201619. No. 1. A miscellaneous selection taken at random.

201620. No. 2. East side of Lake Awasa, village of Loka.

201621. No. 3. From field in Sodu area, southeast of Abala village.

201622. No. 4. Probably from Modjo.

201623. No. 5. From experimental plot, Diredawa.

201624. No. 6. From pack train at Addis Ababa.

201625. No. 7. Near Auila, Laeu.

**201619 to 201636—Continued**

201626. No. 8. Irrigated cotton from plot on Awart River.  
 201627. No. 9. Market on road between Modjo and Adama.  
 201628. No. 10. Near Abala market, East Sodu.  
 201629. No. 11. Believed to be *Acala* or *Texacala*.  
 201630. No. 12. About 60 km. east of Lake Sidoma.  
 201631. No. 13. Market, Addis Ababa.  
 201632. No. 14. Market, Addis Ababa.  
 201633. No. 15. Market, Addis Ababa.  
 201634. No. 16. Modjo village.  
 201635. No. 17. Adama village.  
 201636. No. 18. Market, Addis Ababa.

**201637. LOTONONIS BAINESII Baker. Fabaceae.**

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Department of Agriculture, Pretoria, Transvaal. Received May 21, 1952.

**201638 to 201671.**

From Central and South America. Seeds collected by George M. Darrow, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Numbered May 21, 1952.

Collected in 1952.

**201638. FRAGARIA VESCA L. Rosaceae. Alpine strawberry.**

No. 33. Mount Pichincha, Ecuador; altitude 9,500 to 10,000 feet. Feb. 29. Fruits very large.

**201639. FRAGARIA CHILOENSIS (L.) Duchesne. Chiloe strawberry.**

No. 34. Ambato, Ecuador. Mar. 5.

**201640. FRAGARIA VESCA L.**

No. 32. Mount Pichincha, Ecuador. Feb. 29. An escape.

**201641 to 201647.** Collected 25 miles south of Bogotá, Colombia. Mar. 17 and 18.

**201641. GAULTHERIA sp. Ericaceae.**

No. 19.

**201642. GAULTHERIA sp.**

No. 20.

**201643. GAULTHERIA sp.**

No. 21.

**201644. GAULTHERIA sp.**

No. 22.

**201645. GAULTHERIA sp.**

No. 23.

**201646. GAULTHERIA sp.**

No. 24.

**201647. GAULTHERIA sp.**

No. 25.

**201648. GAULTHERIA sp.**

No. 26. Mount Pichincha, Ecuador; altitude 10,000 feet. Feb. 29.

**201638 to 201671—Continued**

**201649 to 201657. RUBUS GLAUCUS Benth. Rosaceae. Andes raspberry.**

201649. No. 1. Volcán Salvador above San Salvador, El Salvador. Altitude 6,000 feet. Feb. 1.

201650. No. 2. Mount Uyuca, Honduras. Altitude 6,000 feet. Feb. 5.

201651. No. 3. La Chonta, Costa Rica. Altitude 7,200 feet on Pan American Highway. Feb. 3. Largest fruited type found.

201652. No. 4. Beyond La Chonta, Costa Rica on Pan American Highway. Altitude 7,400 feet. Feb. 20. Fruits round.

201653. No. 5. Beyond La Chonta, Costa Rica on Pan American Highway. Altitude 7,400 feet. Fruits large.

201654. No. 6. Ambato, Ecuador; altitude 9,000 feet. Normal black type. Mar. 5.

201655. No. 7. Ambato, Ecuador; altitude 9,000 feet. Fruits red. Mar. 5.

201656. No. 8. Palmira, Colombia. Altitude 4,000 feet.

201657. No. 9. Otavalo, Ecuador. Altitude 8,600 feet.

201658. RUBUS.

No. 10. *R. glaucus* × *tuerckheimii*. Twenty miles southwest of Bogotá, Colombia. Altitude 9,000 feet. Mar. 18.

201659. RUBUS HONDURENSIS L. H. Bailey.

No. 11. Mount Uyuca, Honduras. Altitude 6,000 feet. Feb. 9.

201660. RUBUS MACROCARPUS Benth.

No. 18. Twenty-four miles southwest of Bogotá, Colombia, along highway; altitude 9,000 feet.

201661. RUBUS SHANKII Standl. & L. O. Williams.

No. 12. Mount Uyuca, Honduras. Altitude 6,000 feet. Feb. 9.

201662. RUBUS sp.

No. 13. Garden in Chimaltenango, Guatemala; altitude 6,000 feet. Jan. 28.

201663. RUBUS sp.

No. 14. Nona, Ecuador, 20 miles from Quito; altitude 8,500 feet. Jan. 29.

201664. RUBUS sp.

No. 15. Nona, Ecuador, 20 miles from Quito; altitude 8,500 feet. Jan. 29.

201665. RUBUS sp.

No. 17. Twenty miles southwest of Bogotá, Colombia; altitude 9,000 feet. Mar. 18.

201666. RUBUS sp.

No. 16. Ecuador.

**201667 to 201671. VACCINIUM FLORIBUNDUM H. B. K. Vacciniaceae. Blueberry.**

201667. No. 27. Near potato station beyond Usme, Colombia; altitude 9,300 feet. Mar. 17.

201668. No. 28. On páramo, 10,000 feet above El Angel, Ecuador. On Pan American Highway. Mar. 8.

201669. No. 29. On páramo; altitude 9,500 feet. About 30 miles south of Quito, Ecuador, on Pan American Highway. Mar. 3.

201670. No. 30. Market, Otavalo, Ecuador. Mar. 9.

201671. No. 31. On Volcán Irazú, Costa Rica. Feb. 19.

**201672. RUBUS sp. Rosaceae. Raspberry.**

From Guatemala. Seeds collected by Oliver W. Norvell, Carnegie Institution of Washington, Stanford, Calif. Received May 22, 1952.

Collected above Santa María, toward Volcán de Agua.

**201673. GOSSYPIUM sp. Malvaceae.****Cotton.**

From Mexico. Cuttings collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 23, 1952.

No. 11864. North of Punta Frailes, Baja California. May 6, 1952.

**201674. LUPINUS ALBUS L. Fabaceae.****White lupine.**

From Austria. Seeds presented by W. Ritterhaus, Post Grafenstein. Received May 23, 1952.

*Neuland.*

**201675. FRAGARIA. Rosaceae.****Strawberry.**

From Canada. Plants presented by the Honeywood Nursery, Parkside, Saskatchewan. Received May 26, 1952.

*Sparta.*

**201676 to 201680. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From France. Seeds presented by the Institut des Fruits et Agrumes Coloniaux, Paris. Received May 26, 1952.

201676. *Bamban.* Selection from *Eureka.*

201677. *Bernia.* Morocco.

201678. *Eureka.* Morocco.

201679. *Lisbonne.* Morocco.

201680. *Satina.* Selection from *Sicile.*

**201681 to 201686. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From the Gold Coast. Seeds presented by the Department of Agriculture, Accra. Received May 26, 1952.

201681. *Californian.*

201684. *Lisbon.* Ashanti.

201682. *French.*

201685. *Lisbon.* Asuansi.

201683. *Genoa.*

201686. *Sicilian.*

**201687. GOSSYPIUM HARKNESSII T. S. Brandeg. Malvaceae.**

From Mexico. Cuttings collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 27, 1952.

No. 11910. Isla Santa Margarita, Baja California. May 15, 1952.

**201688. CARICA PAPAYA L. Caricaceae.****Papaya.**

From French Camerouns. Seeds presented by F. M. Grissett, Lolodorf. Received May 27, 1952.

**201689 to 201767.**

From Nigeria. Seeds collected by O. J. Webster, Bureau of Plant Industry, Soils, and Agricultural Engineering, Lincoln, Nebr. Received May 28, 1952.

201689 to 201697. *DIGITARIA EXILIS* (Kippist) Stapf. Poaceae.

**Fundi.**

From Lagos.

201694. *Peng.*

201689. *Akang.*

201695. *Sierra Leone.*

201690. *Awasa.*

201696. *Sim.*

201691. *Iburu.*

201697. *Were.*

201692. *Kahang.*

201693. *Ndat.*

201698. *SESAMUM INDICUM* L. Pedaliaceae.

**Sesame.**

From Langtang. November 1951.

## 201689 to 201767—Continued

201699 to 201718. *SORGHUM VULGARE* Pers. Poaceae.201699. *L. 17.*201700. *Dobbs (Kisii) Kenya.*

201701. (No data.)

201702. *Dobbs.*201703. *L. 1 Kawanda.*201704. *Karunde Red.*201705. *L. 31.*201706. *L. 28.*201707. *Takan Da.*201708. *Ex. Panyam No. 2.*201709. *Plain Yergam.*201710. *Ex. Amper No. 1.*201711. *Ex. Pankshin No. 1.*201712. *Bankum.*201713. *Ex. Pankshin No. 2.*201714. *Hill Yergam.*201715. *Ex. Panyam No. 1.*201716. *L. 26 Kawanda.*201717. *Feterita Maaduk.*201718. *Feterita Managil.*201719. *SORGHUM SUDANANSE* (Piper) Stapf.

Sudan grass.

201720. *SORGHUM VULGARE* Pers.*Potch 37 Rig.*201721. *SORGHUM ALMUM* Parodi.

(No notes.)

201722 to 201765. *SORGHUM VULGARE* Pers.201722. *Mtama 14.*201723. *Feterita "La Estenzuela."*201724. *Feterita Sukki.*201725. *Bilichigan.*201726. *Buhura Mahemba.*201727. *Mtama 58.*201728. *Mtama 39.*201729. *Fulgar White (Poona).*201730. *L. 33 Kawanda.*201731. *Ex India.*201732. *Allakh 4 (Pakistan).*201733. *Accho Kartuh.*201734. *Accho Kodri.*201735. *L. 20.*201736. *Umben.*201737. *Kurg Karia.*201738. *Nyahwo.*201739. *Ngol.*201740. *Metkam.*201741. *Shambul.*201742. *Gwazaram.*201743. *Bitek Biteng.*

201744. Seeds brown; stalk sweet.

201745. *Mere.*201746. *Ex Mengu No. 1.*201747. *Kela gugau.*201748. *Go Go 3.*201749. *Go Go 4.*201750. *T 27.*201751. *Nandayal.*201752. *Go Go 1.*201753. *Sakwa.*201754. *Red Janpur.*201755. *Go Go 2.*201756. *Durra Baladi.*201757. *Msumbiji.*201758. *Kavirondo.*201759. *Swazilani P 41.*201760. *T 18 Kawanda.*201761. *K. 6.*201762. *Jowar 8.*201763. *Wiru.*201764. *Bagdar.*201765. *Kalo.*201766. *SORGHUM* sp.

From near Dikwa.

201767. *SORGHUM* sp.

(No notes.)

**201768. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Nigeria. Seeds collected by O. J. Webster, Bureau of Plant Industry, Soils, and Agricultural Engineering, Lincoln, Nebr. Received May 28, 1952.

From Maiduguri.

**201769 and 201770.**

From Peru. Seeds presented by A. F. Swanson, Agricultural Advisor, American Embassy, Lima. Received May 28, 1952.

**201769. MEDICAGO HISPIDA Gaertn. Fabaceae. Burclover.**

*Corretilla*. Near Huancayo, Peru; altitude 9,000 feet.

**201770. PIPER NIGRUM L. Piperaceae. Black pepper.**

From near Bangkok, Thailand.

**201771. LINUM USITATISSIMUM L. Linaceae. Flax.**

From Angola. Seeds presented by an unknown donor, Luanda. Received May 28, 1952.

**201772 to 201775.**

From Iowa. Seeds received from various sources by the United States Regional Plant Introduction Station, Ames. Numbered June 2, 1952.

**201772. CUCURBITA OKEECHOBEEENSIS Bailey. Cucurbitaceae.**

From A. T. Erwin, Agricultural Experiment Station, Ames, Iowa. Collected in Lake Okeechobee region, Fla.

**201773 to 201775. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

**201773.** From G. A. Kemp, Lethbridge, Alberta, Canada.

*L-3700 Selection III.*

**201774.** From M. Hardin, Geary, Okla. No. 70.

**201775.** *Petrillo*. From A. T. Erwin; collected in Puerto Rico. A variety with a tart acid flavor.

**201776 to 201778. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From Norway. Tubers presented by the Agricultural College of Norway, Vollebakk. Received June 2, 1952.

**201776.** *Kerr's Pink*.

**201777.** *Marius*.

**201778.** *Marius II*.

**201779 and 201780. ARACHIS HYPOGAEA L. Fabaceae. Peanut.**

From Libya. Seeds presented by Cavallini Fiorindo, Tripolitania. Received June 2, 1952.

**201779.** *Ameran*.

**201780.** *Egyptian*.

**201781. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

From Colombia. Seeds presented by G. Quarzell, Cartagena. Received June 2, 1952.

Originally from the Department of Agriculture, São Paulo, Brazil.

*Brazilian No. 38.*

**201782 to 201785. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Seeds collected by Dr. Temple Clayton, Schering Corporation, Bloomfield, N. J. Received June 3, 1952.

**201782.** *DIOSCOREA* sp.

**201782 to 201785—Continued**

**201783 and 201784.** DIOSCOREA TEPINAPENSIS Uline.

201783. Veracruz. Strain 1.

201784. Santa Lucrecia. Strain 2.

201785. DIOSCOREA sp.

**201786 to 201789. ORYZA SATIVA L. Poaceae.****Rice.**

From Iran. Seeds presented by H. V. Geib, Agricultural Attaché, American Embassy, Tehran. Received June 3, 1952.

201786. *Dom Siah*.

201787. Red rice.

201788. *Sadri No. 1.* (Caspian region.)

201789. *Sadri No. 2.* (Dizful, Iran.)

**201790 to 201792. CITRUS LIMON (L.) Burm. f. Rutaceae. Lemon.**

From the Gold Coast. Seeds presented by the Department of Agriculture, Agogo, Ashanti. Received June 3, 1952.

201790. Rough lemon.

201791. Small, limelike lemon.

201792. Smooth-skinned lemon.

**201793. FRAGARIA CHILOENSIS (L.) Duchesne. Rosaceae.****Chiloe strawberry.**

From England. Seeds presented by the University of Manchester, Manchester. Received June 3, 1952.

**201794. CITRUS LIMON (L.) Burm. f. Rutaceae.****Lemon.**

From Nigeria. Seeds presented by the Agriculture Department, Ibadan. Received June 4, 1952.

*Sierra Leone.* Growing at the Moor Plantation, Ibadan; as tree No. MA 306 plot A6.

**201795 to 201802. SOLANUM TUBEROSUM L. Solanaceae. Potato.**

From the Netherlands. Tubers presented by Arnold Wolf, Groningen. Received June 4, 1952.

201795. *Alpka.*

201799. *Majestic.*

201796. *Bintje.*

201800. *Record.*

201797. *Erdgold.*

201801. *Saskia.*

201798. *Furore.*

201802. *Voran.*

**201803. ACHRAS ZAPOTA L. Sapotaceae.****Sapodilla.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered June 4, 1952.

Originally growing at the old Brickell Avenue Garden, Miami, Fla.

**201804 to 201808. VITIS VINIFERA L. Vitaceae. European grape.**

From the Union of South Africa. Cuttings presented by Frans Kirsten, Paarl, through Miss Valory Rollitt, Capetown, Cape Province. Received June 6, 1952.

201804. *Barlinka.*

201807. *Rosada.*

201805. *Bonnet de Retord.*

201808. *Rosaki.*

201806. *Red Hanepoort.*



**201809. HORDEUM sp. Poaceae.****Barley.**

From Peru. Seeds presented by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received June 6, 1952.

Collected in the Hauncayo region.

**201810. SECALE CEREALE L. Poaceae.****Rye.**

From Sweden. Seeds presented by O. Tedin, Swedish Seed Association, Svalöf. Received June 6, 1952.

*Stahlrag.*

**201811 and 201812. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.**

From Canada. Seeds presented by W. A. Russell, Dominion Experimental Station, Morden, Manitoba. Received June 6, 1952.

**201811.** 953-88-1-1-1-7. Rust-resistant selection inbred for four generations; selected from *Sunrise* × Texas wild annual.

**201812.** 953-102-1-1. Seed produced by open pollination; female parent very highly rust-resistant.

**201813. QUERCUS spp. Fagaceae.****Oak.**

From Spain. Seeds presented by José Elorrieta, Instituto Forestal de Investigaciones y Experiencias, Madrid. Received June 6, 1952.

Apparently a mixture of two species.

**201814 to 201816. HELIANTHUS. Asteraceae.****Sunchoke.**

From Sweden. Tubers presented by Dr. J. Rasmusson, Hilleshog Beet Institute, Hilleshog, Landskrona. Received June 9, 1952.

*Helianthus macrophyllus* × *tuberosus*.

**201814.** SS 446.

**201815.** SS 447.

**201816.** SS 448.

**201817 to 201819. CERATONIA SILIQUA L. Caesalpinaceae. Carob.**

From Israel. Budsticks presented by W. Katzenstein, Ministry of Agriculture and Development, Horticulture Department, Haifa. Received June 6, 1952.

**201817.** *Algerian*.

**201818.** *Cypriot*.

**201819.** *Sandolavy*.

**201820. SOLANUM COMMERSONII Dun. Solanaceae.**

From Uruguay. Tubers presented by Dr. Celia Boasso, through the Agricultural Attaché, American Embassy, Montevideo. Received June 9, 1952.

**201821 and 201822. TRITICUM. Poaceae.**

From Italy. Seeds presented by F. R. Horne, National Institute of Agricultural Botany, Cambridge, England. Received June 6, 1952.

**201821.** No. 4624. *T. orientale* × *Agropyron*.

**201822.** No. 4625. *T. lutescens* × *Agropyron* (062).

**201823 to 201826.**

From the Union of South Africa. Seeds presented by Joseph L. Dougherty, Pretoria, Transvaal. Received June 9, 1952.

**201823.** ANDROPOGON INSCULPTUS Hochst. Poaceae.

Collected by L. C. C. Liebenberg, Barberton, Transvaal. May 1952.

**201824.** DACTYLOCTENIUM AEGYPTIUM (L.) Richter. Poaceae.

Collected by J. L. Dougherty, Stegi, Swaziland.

**201823 to 201826—Continued**201825. *INDIGOFERA* sp. **Fabaceae.**

Collected by L. C. C. Liebenberg, between Douglas and Prieska, Cape Province.

201826. *PSORALEA* sp. **Fabaceae.**

Collected by L. C. C. Liebenberg, Saldanha Bay, Cape Province.

**201827. *SACCHARUM*. Poaceae.****Sugarcane.**

From Cuba. Cuttings presented by Salvistiano Garcia y Diaz, Havana. Received June 10, 1952.

*Baragua.***201828. *RUMEX HYMENOSEPALUS* Torr. Polygonaceae. Canaigre.**

From Mexico. Roots collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 10, 1952.

No. 11974. San Simon, Baja California. May 22, 1952.

**201829 to 201831. *RICINUS COMMUNIS* L. Euphorbiaceae.****Castorbean.**

From Madagascar. Seeds presented by l'Inspecteur General de l'Agriculture, Chef des Services Agricoles, Tananarive. Received June 11, 1952.

201829. *Paro.*201830. *Tige Blanche.*201831. *Tige Rouge.***201832. *ILEX CORNUTA* Lindl. & Paxt. Aquifoliaceae. Chinese holly.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 16, 1952.

Originally from the United States Plant Introduction Garden, Chico, Calif. A large shrub of dense, rounded habit, with entire, dull dark-green leaves and large fruits.

**201833. *ATTALEA COHUNE* Mart. Phoenicaceae.****Cohune palm.**

From Mexico. Seeds presented by J. W. Ayres, Agrashell, Inc., Easton, Pa. Received June 16, 1952.

Collected along the Papaloápam River, southern Veracruz.

**201834 to 201844.**

From French West Africa. Seeds presented by the Station de Recherches du Kouroumari, Kogoni par Nigono, French Sudan, through Trans-United, Paris, France. Received June 16, 1952.

**201834 to 201841. *ORYZA SATIVA* L. Poaceae.****Rice.**201834. *Bentoubala B.* French Sudan.201835. *Dissi N-14.* French Guinea.201836. *Ebandioul.* Casamance.201837. *Edapino B.* Casamance.201838. *Mamoriaka.* Originally from Madagascar.201839. *Sikasso B.* French Sudan.201840. *Sikasso H.* French Sudan.201841. *Sornavari.* Originally from East Indies.**201842 to 201844. *ZEA MAYS* L. Poaceae.****Corn.**201842. *Manio.*201843. *Manio Ba.*201844. *Manio Djieni.*

**201845 to 201855. SOLANUM spp. Solanaceae.**

From Belgium. Presented by the Ministère de l'Agriculture, Station de Recherches de la Pomme de Terre, Libramont. Received June 16, 1952.

Unless otherwise noted, material was received as seeds.

**201845. SOLANUM KESSELBRENNERI** Juz. & Buk.

51. LXXII. 1 (Tubers.)

**201846. SOLANUM LAPLATICUM** Bukasov.

51. LI I. 1. 7. 6. (Tubers.)

**201847. SOLANUM VERRUCOSUM** Schlecht.

51. LI I. 1. 7. 6. (Tubers.)

**201848. SOLANUM ANDIGENUM** Juz. & Buk.

II. 29. 27.

**201849. SOLANUM ANTIPOVICZII** Bukasov.

III. 14. 1. 3.

**201850 to 201854. SOLANUM DEMISSUM** Lindl.

201850. IV. 48.

201853. IV. 52.

201851. IV. 49.

201854. IV. 55.

201852. IV. 51.

**201855. SOLANUM LONGIPEDICELLATUM** Bitter.

XXXII. 2.

**201856 to 201883.**

From Iran. Seeds collected by Dr. H. V. Geib, Agricultural Attaché, American Embassy, Tehran. Received June 17, 1952.

**201856. Cicer ARIETINUM** L. Fabaceae.

Chickpea.

*Qum.*

**201857. CUCUMIS MELO** L. Cucurbitaceae.

Muskmelon.

*Kharbozeh.* Tehran.

**201858. CUCURBITA MOSCHATA** Duchesne. Cucurbitaceae.

Cushaw.

*Kedu.* Tehran.

**201859 to 201862. LENS CULINARIS** Medic. Fabaceae.

Lentil.

201859. No. 1. Harsin.

201861. No. 3. Kasvin.

201860. No. 2. Kahidasht.

201862. No. 4. Tehran.

**201863 and 201864. MEDICAGO SATIVA** L. Fabaceae.

Alfalfa.

201863. Yazd.

201864. Hamadan.

**201865. ONOBYCHIS VICIAEFOLIA** Scop. Fabaceae.

Sainfoin.

**201866 to 201875. PHASEOLUS AUREUS** Roxb. Fabaceae.

Mung bean.

201866. No. 1. Arsk.

201871. No. 6. Meshed special.

201867. No. 2. Boroujerd.

201872. No. 7. Masanderan.

201868. No. 3. Bojnurd.

201873. No. 8. Meshed.

201869. No. 4. German type.

201874. No. 9. Shiraz.

201870. No. 5. Isfahan.

201875. No. 10. (No data.)

**201876 to 201878. TRIFOLIUM RESUPINATUM** L. Fabaceae.

Persian clover.

201876. Local type.

201877. Hamadan.

201878. Yazd.

**201856 to 201883—Continued**201879 to 201881. *VICIA FABA* L. Fabaceae.**Broadbean.**

201879. Qum.

201880. Southwestern Iran.

201881. Yazd.

201882 and 201883. *VICIA SATIVA* L.**Common vetch.**201882. *Mashak*.

201883. Ordinary type.

**201884 to 201895.**

From Israel. Seeds obtained through Wayne Miles, Tivon. Received June 18, 1952.

201884. *ARISTIDA CILIATA* Desf. Poaceae.

Mountains, central Negev.

201885. *ARISTIDA PLUMOSA* L.

Turaibe, Negev.

201886. *BROMUS* sp. Poaceae.

Near Matzarbo. Collected by A. T. Semple.

201887. *DACTYLIS GLOMERATA* L. Poaceae.**Orchard grass.**

East and north of Gaza, Egypt, in Israel.

201888. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.

Eight miles east of Haifa.

201889. *PANICUM TURGIDUM* Forsk. Poaceae.

Ras-Raman, Negev.

201890. *PENNISETUM CILIARE* (L.) Link. Poaceae.**Buffelgrass**

Vadi El Amiran, Negev.

201891 and 201892. *PHALARIS TUBEROSA* L. Poaceae.

201891. Four miles west of Safiya.

201892. Six miles east of Majdal.

201893. *POA SINAICA* Steud. Poaceae.

Vadi Nafah, Negev.

201894. *STIPA FONTANESII* Parl. Poaceae.**Needlegrass.**

Rahme Plain, Negev.

201895. *STIPA PARVIFLORA* Desf.

Rahme Plain, Negev.

**201896 to 201898. RHODODENDRON. Ericaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered June 18, 1952.

A collection of Glenn Dale hybrid azaleas.

201896. *Luna*. Plant spreading, eventually up to 5 feet high; leaves dark green; flowers 2 to 3 in a head, 3½ inches across, similar to *Alight* and *Welcome*, but with darker rose margins (almost Tyrian rose) and darker blotch and white eye. Season mid-May to late May.

201897 and 201898. *Rhododendron simsii* var. *vittatum* × *Louise*.

201897. *Cinderella*. Mature plant habit tall and flat topped, 6 feet high, semi-deciduous; flowers 2 to 3 in a head, 2 to 2½ inches across, white, so heavily covered with Eugenia to acajou red stripes as to give the effect of white stripes on red ground. Season mid-April.

201898. *Satrap*. Flower exactly like that of *Cinderella* except that it is lightly striped, giving a typical peppermint-stick effect.

**201899 to 201908. ORYZA SATIVA L. Poaceae.****Rice.**

From India. Seeds presented by H. C. Holmes, New Delhi. Received June 19, 1952.

201899. *N-10B*.201904. *NP-137*.201900. *N-12*.201905. *NP-144*.201901. *NP-97*.201906. *T-1*.201902. *NP-125*.201907. *T-3*.201903. *NP-130*.201908. *T-21*.**201909. DALBERGIA SISSOO Roxb. Fabaceae.****Sissoo.**

From Tennessee. Seeds presented by R. E. Moore, Superintendent, Bachman Memorial Home, Inc., Cleveland. Received June 19, 1952.

*Shisham*.**201910 and 201911. GOSSYPIUM spp. Malvaceae.****Cotton.**

From the Belgian Congo. Seeds presented by the Chef du Secteur Cotonnier, INEAC, Yangambi. Received June 20, 1952.

201910. *GOSSYPIUM*.*Ishan*.201911. *GOSSYPIUM BRASILIENSE* Macf.**201912 and 201913. PHASEOLUS VULGARIS L. Fabaceae.****Common bean.**

From Australia. Seeds presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received June 23, 1952.

201912. *Golden Harvest*. Rust-resistant.201913. *Westralia*. Rust-resistant.**201914. SOLANUM sp. Solanaceae.**

From Mexico. Tubers collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 24, 1952.

No. 5740. Market, Cocomatlán, Michoacán. June 11, 1952.

**201915 to 201922.**

From Uruguay. Collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 24, 1952.

Bulbs from Artigas, Artigas, unless otherwise noted. June 10, 1952.

201915. *ARACHIS HYPOGAEA* L. Fabaceae.**Peanut.**

No. 1071. (Plants.)

201916. (Undetermined.)

No. 1075.

201917. (Undetermined.)

No. 1076.

201918. *OXALIS* sp. Oxalidaceae.

No. 1077. Flowers white.

201919. *OXALIS* sp.

No. 1078. Flowers pink.

201920. *OXALIS* sp.

No. 1079. Flowers yellow.

**201915 to 201922—Continued**

201921. *SOLANUM* sp. Solanaceae.

No. 1072. (Tubers.)

201922. (Undetermined.)

No. 1080. Rivera. Large fleshy basal leaves. (Plants.)

201923. *VITIS VINIFERA* L. Vitaceae.

**European grape.**

From Chile. Cuttings presented by the Department of Viticulture, Chilean Ministry of Agriculture, Cauquenes. Received June 24, 1952.

*Pais.*

**201924 to 201933.**

From Brazil. Seeds presented by William H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received June 25, 1952.

Collected at the Instituto Agronómico, Campinas, São Paulo.

201924 to 201926. *COFFEA ARABICA* L. Rubiaceae.

**Arabian coffee.**

201924. *Bourbon*.

201925. *Caturra*.

201926. *Cera*.

201927. *COFFEA ARABICA* var. *ERECTA* Cramer.

201928 and 201929. *COFFEA ARABICA* L.

201928. Open-pollinated.

201929. Selfed.

201930 and 201931. *COFFEA ARABICA* var. *MOKKA* Cramer.

201930. Open-pollinated.

201931. Selfed.

201932 and 201933. *COFFEA ARABICA* L.

201932. *Semperflorens*. (Selfed.)

201933. *Xanthocarpa*.

201934. *PRUNUS PERSICA* var. *NECTARINA* (Ait.) Maxim.  
Amygdalaceae.

**Nectarine.**

From Chile. Seeds presented by Sergio Valdivieso Cuzman, Dean of the Faculty of Agronomy, Catholic University, Santiago. Received June 25, 1952.

*Porcelana*; *Incomparable*.

201935. *VITIS TILAEFOLIA* Humb. & Bonpl Vitaceae.

From Colombia. Seeds presented by Professor José Arboleda, Estación Agrícola Experimental, Ministerio de Agricultura y Ganadería, Palmira-Valle. Received June 26, 1952.

201936. *SCAPHYLOTTIS PUNCTULATA* (Reichb. f.) C. Schweinf.  
Orchidaceae.

From Puerto Rico. Plants collected by Donovan S. Correll, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md., and Harold Winters, Federal Experiment Station, Mayagüez, Puerto Rico. Numbered June 30, 1952.

An orchid collected on the upper slope and summit of Mount Britton, June 22, 1952. Epiphyte on tree; rain forest.

**201937 to 201941.**

From Mexico. Seeds collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 30, 1952.

Collected June 6 to 8, 1952.

**201937. GOSSYPIUM ARIDUM** (Rose & Standl.) Skovsted. Malvaceae. **Cotton.**

No. 5738. *Listoncillo*. Five miles north of Pericos, Sinaloa.

**201938. GOSSYPIUM** sp.

No. 5736. Near San Bernardo, Sonora. Large shrub.

**201939. GOSSYPIUM** sp.

No. 5737. Near San Bernardo, Sonora. Large shrub.

**201940 and 201941. PHASEOLUS VULGARIS** L. Fabaceae. **Common bean.**

Market, Alamos, Sonora.

201940. No. 5733. *Frijol Azufrado*.

201941. No. 5734. *Frijol Azufrado*.

**201942 to 201946.**

From Israel. Seeds obtained from the Government Experiment Station, Neveh-Yaar, Haifa. Received June 30, 1952.

**201942. DACTYLIS GLOMERATA** L. Poaceae. **Orchard grass.**

**201943 to 201945. PHALARIS TUBEROSA** L. Poaceae.

201943. No. 1.

201944. No. 2.

201945. No. 3.

**201946. VICIA SATIVA** L. Fabaceae. **Common vetch.**

*Hazera 145*.

**201947. COIX LACRYMA-JOBI** var. *MA-YUEN* L. Poaceae. **Adlay.**

From the Philippines. Seeds presented by the Director of Plant Industry, Batangas, Batangas. Received July 1, 1952.

**201948. BETA VULGARIS** L. Chenopodiaceae. **Beet.**

From the Netherlands. Seeds presented by the Veredelingsvedrijf Centraal Bureau, Hoofddorp. Received July 1, 1952.

Fodder sugar beet.

**201949 to 201952. CANNABIS SATIVA** L. Moraceae. **Hemp.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received July 1, 1952.

Grown at Pusa (Behar).

201949. *N. P. 1* (Class I).

201951. *N. P. 1* (Class II).

201950. *N. P. 2* (Class I).

201952. *N. P. 2* (Class II).

**201953. DICHROA FEBRIFUGA** Lour. Hydrangeaceae.

From India. Seeds collected from Darjeeling, through the Indian Agricultural Research Institute, New Delhi. Received July 1, 1952.

**201954. TRIFOLIUM ALEXANDRINUM** L. Fabaceae. **Berseem.**

From Israel. Seeds presented by the Government Agricultural Experiment Station, Neveh-Yaar, Beth Shearim. Received July 2, 1952.

*Fahli*. Originally from Egypt.

**201955. DOLICHOS LABLAB L. Fabaceae.****Hyacinth-bean.**

From the Union of South Africa. Seeds presented by J. Leslie Parkhouse, Wonderhoogte Farm, Utrecht, Natal. Received July 2, 1952.

**201956 to 201959.**

From South Australia. Seeds presented by R. H. Patterson, Department of Works, Adelaide. Received July 2, 1952.

201956. *EUCALYPTUS KRUSEANA* F. Muell. Myrtaceae.

201957. *EUCALYPTUS OLEOSA* F. Muell.

201958. *EUCALYPTUS RUDIS* Endl.

**Desert gum.**

201959. *SECALE CEREALE* L. Poaceae.

**Rye**

*Russian Rye.*

**201960 to 201972.**

From Mexico. Seeds collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 2, 1952.

Collected in 1952.

201960 and 201961. La Champagna, Sierra de las Palmas, Baja California. May 21.

201960. *AGAVE* sp. Amaryllidaceae.

No. 11778.

201961. *AGAVE* sp.

No. 11790.

201962. *ALBIZZIA* sp. Mimosaceae.

No. 11835. Rancho Burrera, western base of Sierra Laguna, Baja California. Spreading tree 30 feet high. May 5.

201963. *BRICKELLIA FRUTESCENS* Gray. Asteraceae.

No. 11967. Rancho Jaraguay, Baja California. May 21.

201964. *BRICKELLIA GLABRATA* (Rose) Robinson.

No. 11915. Fifteen miles northwest of Station Rosalia, Baja California. Small perennial. May 16.

201965. *CROTON MAGDALENAE* Millsp. Euphorbiaceae.

No. 11809. Rancho San Andres, La Champagna, Sierra da las Palmas, Baja California. Apr. 29. Small shrub 3 feet high.

201966. *FEROCACTUS* sp. Cactaceae.

No. 11816. La Champagna, Sierra de las Palmas, Baja California. Apr. 29.

201967. *GOSSYPIUM ARMOURIANUM* Kearney. Malvaceae.

**Cotton.**

No. 11895. Isla San Marcos, Baja California. May 13.

201968. *JATROPHA* sp. Euphorbiaceae.

No. 11976. La Champagna, Sierra de las Palmas, Baja California. Ornamental shrub. Apr. 29.

201969. *PHASEOLUS VULGARIS* L. Fabaceae.

**Common bean.**

No. 11891. Market, La Paz, Baja California. May 8.

201970. *SALVIA* sp. Menthaceae.

No. 11966. Rancho Jaraguay, Baja California. May 21. Bushy perennial with lavender to purple flowers.

201971. *TECOMA STANS* Juss. Bignoniaceae

**Yellow elder.**

No. 11833. Rancho Burrera, western base of Sierra Laguna, Baja California. May 5. Shrub with large yellow flowers.

201972. *TRITICUM AESTIVUM* L. Poaceae.

**Common wheat.**

No. 11821. Twenty miles north of El Refugio, Baja California. May 3.



**201973 to 201978.**

From Mexico. Collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 2, 1952.

**201973. DIOSCOREA MACROSTACHYA** Benth. Dioscoreaceae.

No. 5759. El Palmar, Veracruz. (Rhizomes.)

**201974. DIOSCOREA** sp.

No. 5751. La Unión, Veracruz. (Rhizomes.)

**201975. DIOSCOREA** sp.

No. 5754. La Unión, Veracruz. (Rhizomes.)

**201976. DIOSCOREA** sp.

No. 5757. El Palmar, Veracruz. (Rhizomes.)

**201977. SMILAX** sp. Smilacaceae.

No. 5763. El Palmar, Veracruz. (Rhizomes.)

**201978. SOLANUM** sp. Solanaceae.

No. 5747. Market, Huatusco, Veracruz. June 18, 1952. (Tubers.)

**201979. BETA PATELLARIS** Moq. Chenopodiaceae.

From the Canary Islands. Seeds presented by the Jardín de Aclimatación, Orotava. Received July 3, 1952.

From Arguíniguin, Gran Canaria.

**201980. LOLIUM MULTIFLORUM** Lam. Poaceae. **Italian ryegrass.**

From Uruguay. Seeds presented by Dr. Alberto Boerger, "La Estanzuela" Experiment Station, Colonia. Received July 3, 1952.

*La Estanzuela* 284.

**201981. EUCALYPTUS TRANSCONTINENTALIS** Maiden. Myrtaceae.

From South Australia. Seeds presented by R. H. Patterson, Department of Works, Adelaide. Received July 3, 1952.

*Glauc.*

**201982 to 201987.**

From Chile. Seeds presented by Carlos Junge, Jardín Zoológico, Concepción. Received July 7, 1952.

**201982. ACAENA PINNATIFIDA** Ruiz & Pav. Rosaceae.

**201983. CORIARIA RUSCIFOLIA** L. Coriariaceae.

**201984. LARDIZABALA BITERNATA** Ruiz & Pav. Lardizabalaceae.

**201985. MAIHUENIA POEPPIGII** (Otto) Phil. Cactaceae.

**201986. SENECIO OTITES** Kunze. Asteraceae.

**201987. UNCINIA** sp. Cyperaceae.

**201988 to 201992.**

From Israel. Seeds obtained through the Embassy of Israel, Washington, D. C. Received July 7, 1952.

Harvested at Rehovot in 1951.

**201988 to 201990. AVENA SATIVA** L. Poaceae.

**Common oats.**

**201988.** *Fulghum.*

**201989.** *Methuallith.*

**201990.** *Mulga.*

**201991 and 201992. SECALE CEREALE** L. Poaceae.

**Rye.**

**201991.** *French.*

**201992.** *Petkus.*

**201993 to 201995.**

From Georgia. Plants growing at the Regional Plant Introduction Station, Experiment. Numbered July 7, 1952.

Originally collected in Turkey in 1948 and 1949 by Jack R. Harlan, Agricultural Experiment Station, Stillwater, Okla.

201993. *LATHYRUS ANNUUS* L. Fabaceae.

No. 8518. Bazar, Maras.

201994. *VICIA LUTEA* var. *HIRTA* (Balb.) Loisel. Fabaceae.

No. 4525. Hayrobolu, Tekirdag.

201995. *VICIA NARBONENSIS* L.

No. 10197. Kavaki, Kirklareli.

**201996 and 201997.**

From Greece. Presented by John Promos, Athens, through L. Promos, Leesburg, Va. Received July 7, 1952.

201996. (Undetermined.) (Bulbs.)

201997. (Undetermined.) (Roots.)

201998. *CYNODON TRANSVAALENSIS* Burt-Davy. Poaceae.

From South Australia. Stolons presented by R. H. Patterson, Department of Works, Adelaide. Received July 8, 1952.

201999. *VANILLA* sp. Orchidaceae.

From Florida. Cutting obtained from United States Plant Introduction Garden, Coconut Grove. Received July 11, 1952.

**202000 to 202072.**

From Argentina. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 8, 1952.

Collected in 1952.

202000. *ACAENA* sp. Rosaceae.

No. 376. Mount La Torta, Rivadavia Range, Chubut. Mar. 30,

202001. *ADESMIA* sp. Fabaceae.

No. 91. Small island in Rio Chico, near the National Experiment Station, Santa Cruz. Feb. 29. Flowers bright yellow.

202002. *AGROSTIS ALBA* L. Poaceae.

Redtop.

No. 74. Southeast of Cañadón León, Santa Cruz. Feb. 28.

202003. *AGROSTIS LEPTOTRICHIA* Desv.

No. 195. Hills east of Esquel, Chubut. Mar. 7.

202004. *AGROSTIS* sp.

No. 120. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

202005. *ALLIUM* sp. Liliaceae.

No. 96. Cañadón León, National Experimental Station, Santa Cruz. Feb. 2.

202006. *ALOPECURUS ANTARCTICUS* Vahl. Poaceae.

No. 61. Cañadón León, Santa Cruz. Feb. 27.

202007. *ANDROPOGON HASSLERI* Hack. Poaceae.

No. 17. Facultad Agronomía, Buenos Aires. Feb. 21.

202008. *ASTRAGALUS* sp. Fabaceae.

No. 153. Near Sarmiento, Comodoro Rivadavia. Mar. 5.

**202000 to 202072—Continued**

**202009.** *ATRIPLEX* sp. Chenopodiaceae.

No. 178. Airport, Comodoro Rivadavia, Comodoro Rivadavia. Mar. 7.

**202010.** *BERBERIS* sp. Berberidaceae.

**Barberry.**

No. 271. Hills west of Esquel, Chubut. Mar. 9. Spiny shrub with blue fruits.

**202011.** *BRACHYCHITON* sp. Sterculiaceae.

No. 278. Buenos Aires. Mar. 16.

**202012.** *BRIZA SUBARISTATA* Lam. Poaceae.

No. 189. Dry hills east of town of Esquel, Chubut. Mar. 7.

**202013.** *BRIZA* sp.

No. 246. Futalaufquén, Chubut. Mar. 8. Native perennial.

**202014 and 202015.** *BROMUS BREVIS* Steud. Poaceae.

202014. No. 60. Cañadón León, Santa Cruz. Feb. 27. Dwarf perennial.

202015. No. 76. South side of Rio Chico, at Cerro La Ventana, Santa Cruz. Feb. 28.

**202016 to 202019.** *BROMUS CATHARTICUS* Vahl.

**Rescue grass.**

202016. No. 109. San Julian, Santa Cruz. Mar. 1. Annual.

202017. No. 116. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

202018. No. 160. Sarmiento, Comodoro Rivadavia. Mar. 5.

202019. No. 202. Hills east of Esquel, Chubut. Mar. 7.

**202020 and 202021.** *BROMUS OBTUSIFLORUS* Hack.

Futalaufquén, Chubut. Mar. 8.

202020. No. 225. Rare; up to 3 feet high.

202021. No. 249.

**202022.** *BROMUS* sp.

No. 47. Bahía Blanca, Buenos Aires. Feb. 27. Native perennial.

**202023.** *BROMUS* sp.

No. 203. Hills east of Esquel, Chubut. Mar. 7. Leaves hairy; very large glumes. Perennial.

**202024.** *BROMUS* sp.

No. 227. Futalaufquén, Chubut. Mar. 8. Perennial.

**202025.** *CAREX BONARIENSIS* Desf. Cyperaceae.

No. 14. Facultad Agronomía, Buenos Aires. Feb. 21. Perennial.

**202026.** *CORTADERIA ARAUCANA* Stapf. Poaceae.

No. 260. Hills west of Esquel, Chubut. Mar. 9. Native perennial.

**202027.** *DESCHAMPSIA CAESPITOSA* (L.) Beauv. Poaceae. **Tufted hair-grass.**

No. 92. West of Cañadón León, Santa Cruz. Feb. 29.

**202028.** *DIGITARIA ERIANTHA* var. *STOLONIFERA* Stapf. Poaceae.

No. 24. Instituto Fitotecnica, Castelar, Buenos Aires. Feb. 22. Tall perennial.

**202029 and 202030.** *DISTICHLIS SCOPARIA* (Kunth) Arech. Poaceae.

202029. No. 112. Twenty km. west of San Julian, Santa Cruz. Mar. 1. Native perennial.

202030. No. 123. One hundred and fifty km. north of San Julian, Santa Cruz. Mar. 2. Dwarf perennial.

## 202000 to 202072—Continued

202031 and 202032. *DISTICHLIS SPICATA* (L.) Greene.

202031. No. 113. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1. Native perennial.

202032. No. 162. Sarmiento, Comodoro Rivadavia. Mar. 5. Perennial.

202033. *GALIUM* sp. Rubiaceae.

No. 256. Hills west of Esquel, Chubut. Mar. 9. Perennial.

202034. *HORDEUM STENOSTACHYS* Godr. Poaceae.

**Barley.**

No. 23. Instituto Fitotecnica, Castelar, Buenos Aires. Feb. 22.

202035. *HORDEUM VULGARE* var. *COELESTE* L.

**Barley.**

No. 65. Estación Experimental Nacional, Cañadón León, Santa Cruz. Feb. 28. Used primarily as chicken feed.

202036 and 202037. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

Comodoro Rivadavia.

202036. No. 130. Mar. 2. Small acid apple.

202037. No. 175. Comodoro Rivadavia. Mar. 6. Tart apple of medium size with dark-red skin.

202038. *MEDICAGO LUPULINA* L. Fabaceae.

**Black medic.**

No. 156. Comodoro Rivadavia. Mar. 5.

202039. *MEDICAGO SATIVA* L.

**Alfalfa.**

No. 158. Comodoro Rivadavia. Mar. 5.

202040 and 202041. *MELILOTUS ALBA* Desr. Fabaceae.

**White sweetclover.**

202040. No. 83. Rancho La Resinda, Santa Cruz. Feb. 28.

202041. No. 173. Sarmiento, Comodoro Rivadavia. Mar. 5.

202042. *MULINUM SPINOSUM* Pers. Apiaceae.

No. 101. Cañadón León, Santa Cruz. Feb. 29. Shrub.

202043. *NICOTIANA AMEGHINII* Speg. Solanaceae.

No. 227. Hills west of Esquel, Chubut. Mar. 9.

202044. *PASPALUM NICORAE* Parodi. Poaceae.

No. 26. Instituto Fitotecnica, Castelar, Buenos Aires. Feb. 22. Very tall; apparently drought-resistant.

202045. *PASPALUM URVILLEI* Steud.

No. 27. Instituto Fitotecnica, Castelar, Buenos Aires. Feb. 22. Apparently drought-resistant.

202046. *PASPALUM* sp.

No. 18. Facultad Agronomía, Buenos Aires. Feb. 21. About 3 feet tall.

202047. *PERNETTYA MUCRONATA* (L. f.) Gaud. Ericaceae.

No. 372. Mount La Torta, Rivadavia Range, Chubut. Mar. 30.

202048. *PHLEUM COMMUTATUM* Gaud. Poaceae.

No. 62. Cañadón León, Santa Cruz. Feb. 27. Perennial.

202049. *PISUM SATIVUM* L. Fabaceae.

**Pea.**

No. 68. Cañadón León, Santa Cruz. Feb. 28.

202050 and 202051. *POA LIGULARIS* Nees. Poaceae.

Hills east of Esquel, Chubut. Mar. 7.

202050. No. 192.

202051. No. 194.

**202000 to 202072—Continued**

**202052.** *POLYPOGON ELONGATUS* H. B. K. Poaceae.

No. 165. Near Sarmiento, Comodoro Rivadavia. Mar. 5. Perennial.

**202053.** *PRUNUS AVIUM* L. Amygdalaceae.

Sweet cherry.

No. 110. San Julian, Santa Cruz. Mar. 1. Fruits pink; flavor excellent.

**202054 and 202055.** *PRUNUS DOMESTICA* L.

Common plum.

Comodoro Rivadavia. Mar. 5.

**202054.** No. 146. Flavor good; fruit oval.

**202055.** No. 174. Sarmiento. Flavor good; fruit oval.

**202056.** *PUCCINELLIA PARVIFLORA* (Hack.) Parodi. Poaceae.

No. 157. Sarmiento, Comodoro Rivadavia. Mar. 5. Perennial.

**202057.** *PYRUS COMMUNIS* L. Malaceae.

Pear.

No. 134. Comodoro Rivadavia. Mar. 4. Small brownish pear.

**202058.** *ROSA* sp. Rosaceae.

Rose.

No. 128. Cerro Blanco, 80 km. west of Puerto Deseado, Comodoro Rivadavia. Mar. 2. Bright-red fruits.

**202059.** *SCIRPUS CALIFORNICUS* (C. A. Meyer) Britt. Cyperaceae.

No. 147. Near Sarmiento, Comodoro Rivadavia. Mar. 5. Tall perennial.

**202060.** *SOLANUM* sp. Solanaceae.

No. 85. Cañadón León at Cerro La Ventana, Santa Cruz. Feb. 28. Fruits bright red.

**202061.** *STIPA HUMILIS* Brot. Poaceae.

Needlegrass.

No. 51. Chubut. Feb. 27.

**202062 and 202063.** *STIPA HYPOGONA* Hack.

**202062.** No. 50. Bahía Blanca, Buenos Aires. Feb. 27.

**202063.** No. 181. Comodoro Rivadavia. Mar. 7.

**202064.** *STIPA NEAEI* Nees.

No. 197. Hills east of Esquel. Mar. 7.

**202065.** *STIPA SPECIOSA* Trin. & Rupr.

No. 55. Buenos Aires. Feb. 27.

**202066.** *STIPA* sp.

No. 86. Cañadón León, at Cerro La Ventana, Santa Cruz. Feb. 28.

**202067.** *STIPA* sp.

No. 196. Hills east of Esquel, Chubut. Mar. 7.

**202068 and 202069.** *TRIFOLIUM REPENS* L. Fabaceae.

White clover.

**202068.** No. 66. Cañadón León, Santa Cruz. Feb. 28.

**202069.** No. 161. Comodoro Rivadavia. Mar. 5.

**202070.** *TRisetum SUBSPICATUM* (L.) Beauv. Poaceae.

No. 193. Hills east of Esquel, Chubut. Mar. 7. Perennial.

**202071.** *VERBENA* sp. Verbenaceae.

No. 105. Cañadón León, Santa Cruz. Feb. 29. Tall shrub.

**202072.** *VICIA FABA* L. Fabaceae.

Broadbean.

No. 67. Estación Experimental Nacional, Cañadón León, Santa Cruz. Feb. 28.

**202073 and 202074.**

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered July 9, 1952.

**202073.** *BUTIA BONNETII* (Linden) Becc. *Phoenicaceae*. **Palm.**

(PIG 7731). Originally from seeds received from Washington, D. C., through O. F. Cook.

**202074.** *LATANIA COMMERSONII* Gmel. *Phoenicaceae*. **Palm.**

(PIG 9004). Of unknown origin.

**202075 to 202078.**

From Mexico. Tubers collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 9, 1952.

Collected June 19 to 21, 1952.

**202075.** *DIOSCOREA COMPOSITA* Hemsl. *Dioscoreaceae*.

No. 5755. *Barbasco*. El Palmar, Veracruz.

**202076.** *DIOSCOREA* sp.

No. 5750. *Cabeza Negro Macho*. La Union, Veracruz.

**202077.** *DIOSCOREA GALEOTTIANA* Kunth.

No. 5733. *Barbasco*. La Union, Veracruz.

**202078.** *SMILAX* sp. *Liliaceae*.

No. 5761. *Cocolmecate*. El Palmar, Veracruz.

**202079 to 202084.**

From Mexico. Seeds collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 10, 1952.

Collected in the market, Huamantla, Tlaxcala, on June 17, 1952, unless otherwise noted.

**202079.** *CUCURBITA MOSCHATA* Duchesne. *Cucurbitaceae*. **Cushaw.**

No. 5748. *Calabaza Pipiana*. Purchased in market, Huatusco, Veracruz. June 18, 1952.

**202080.** *PHASEOLUS COCCINEUS* L. *Fabaceae*. **Scarlet runner bean.**

No. 5743. *Frijol Ayocote*.

**202081 and 202082.** *PHASEOLUS VULGARIS* L. **Common bean.**

202081. No. 5744. *Frijol Negro*.

202082. No. 5745.

**202083.** *VICIA FABA* L. *Fabaceae*. **Broadbean.**

No. 5746.

**202084.** *ZEA MAYS* L. *Poaceae*. **Corn.**

No. 5742.

**202085 to 202091.**

From Mexico. Collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 14, 1952.

**202085.** *AGAVE* sp. *Amaryllidaceae*.

No. 5801. Four miles east of Las Vegas, Veracruz. July 5, 1952. (Seeds.)

**202085 to 202091—Continued**

**202086 to 202090.** DIOSCOREA spp.

Tubers collected June 30 to July 3, 1952.

**202086 and 202087.** DIOSCOREA COMPOSITA Hemsl. Dioscoreaceae.

202086. No. 577a. *Barbasco*. Two miles west of El Fortín, Veracruz.

202087. No. 5793. *Barbasco*. Four miles north of San Andrés Tuxtla, Veracruz.

**202088.** DIOSCOREA sp.

No. 5781. Near Cerviceria Moctezuma, west of El Fortín, Veracruz.

**202089.** DIOSCOREA sp.

No. 5787. *Barbasco*. Four miles west of Tinajas, Veracruz.

**202090.** DIOSCOREA sp.

No. 5790. *Barbasco*. Four miles north of San Andrés Tuxtla, Veracruz.

**202091.** ZEA MAYS L. Poaceae.

**Corn.**

No. 5797. Purchased in market, San Andrés Tuxtla, Veracruz. (Seeds.)

**202092 to 202094.** ORYZA SATIVA L. Poaceae.

**Rice.**

From Peru. Seeds presented by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 17, 1952.

From Pompeyo Contreras, Lambayeque Experiment Station, Lambayeque.

**202092.** *Minabir*.

**202093.** *Minagra No. 1* × *Birmania Sel. No. 14*.

**202094.** *Minagra No. 1* × *Birmania Sel. No. 17*.

**202095 and 202096.**

From South Australia. Seeds presented by R. H. Patterson, Department of Works, Adelaide. Received July 16, 1952.

**202095.** MELALEUCA PAUPERIFLORA F. Muell. Myrtaceae.

**202096.** SPOROBOLUS sp. Poaceae.

**202097.** ASTRAGALUS SINICUS L. Fabaceae.

From Taiwan. Seeds presented by C. C. Hsu, Department of Agriculture and Forestry, Taipei, through Nelson H. Fritz, J. G. White Engineering Corporation, Taipei. Received July 16, 1952.

**202098.** CENCHRUS sp. Poaceae.

From Peru. Seeds collected by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 16, 1952.

Collected in the vicinity of Olmos in the Lambayeque district.

**202099 to 202110.** BETA VULGARIS L. Chenopodiaceae.

**Beet.**

From Ireland. Seeds presented by Comhlucht Siuirre Eireann, Mallow, County Cork. Received July 16, 1952.

**202099.** *K 1*. Fahamore, Castlegregory.

**202100.** *WX 1*. Wexford Harbour (North).

**202101.** *WX 2*. Wexford Harbour (North).

**202102.** *WX 3*. Wexford Harbour (North).

**202103.** *WX 4*. Wexford Harbour (North).

**202104.** *WX 5*. Wexford Harbour (Lock Gate).

**202105.** *WX 6*. Kilmore Quay.

**202099 to 202110—Continued**

202106. *WX 7. Kilmore Quay.*  
 202107. *WX 8. Wexford Harbour (North).*  
 202108. *WX 9. Wexford Harbour (North).*  
 202109. *WX 10. Wexford Harbour (North).*  
 202110. *WX 11. North Pier, Wexford.*

**202111 to 202117. ASTRAGALUS SINICUS L. Fabaceae.**

From Japan. Seeds presented by the Ministry of Agriculture and Forestry, Chiyoda Ward, Tokyo. Received July 17, 1952.

202111. *Fukuchi V.*  
 202112. *Fu-No-Sen No. 7.*  
 202113. *Fu-No-Sen No. 24.*  
 202114. *Genshu.*  
 202115. *Owari, Yamashita-Kairyo V.*  
 202116. *Sugaya V.*  
 202117. *Tohka-Machi V.*

**202118. MANGIFERA INDICA L. Anacardiaceae.****Mango.**

From the Philippines. Seeds collected by R. V. Allison, Manila. Received July 21, 1952.

*Caribou.*

**202119 and 202120. PRUNUS AVIUM L. Amygdalaceae.****Sweet cherry.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered July 21, 1952.

202119. Row 8. Selection from PI 132028.  
 202120. Row 9. Selection from PI 132028.

**202121 to 202125.**

From Mexico. Rhizomes collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 24, 1952.

Collected July 12 to 15, 1952.

**202121 and 202122. DIOSCOREA MACROSTACHYA Benth. Dioscoreaceae.**

202121. No. 5809. *Cabeza de Negro*. Rancho Vaqueria, south of Cosvatlán, Veracruz. Leaves thin, lustrous, glabrous; stem woody at base.

202122. No. 5822. *Cabeza de Negro*. The garden of Wm. Boone, Jalapa, Veracruz.

**202123. DIOSCOREA sp.**

No. 5818. Four miles east of Tolome, Veracruz, on Jalapa to Veracruz highway.

**202124. DIOSCOREA sp.**

No. 5812. Three miles east of Plan del Rio, Veracruz.

**202125. DIOSCOREA sp.**

No. 5815. Three miles east of Plan del Rio, Veracruz, on Jalapa to Veracruz highway.

**202126. DIOSCOREA sp. Dioscoreaceae.**

From the Union of South Africa. Rhizomes presented by Temple Clayton, Schering Corporation, Bloomfield. Received July 24, 1952.

No. 8.X.1. From Ixopo, Natal.



**202127 and 202128. RHODODENDRON. Ericaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered July 24, 1952.

Glenn Dale Hybrid azaleas developed by B. Y. Morrison.

**202127. *Omen*.** Bush spreading rather than tall, but probably up to 5 feet eventually. Leaves small, dark-green. Flowers 2 to 3 in head, 2 to 2½ inches across, white with chartreuse blotch on upper three lobes. Mid-May.

**202128. *Grace Freeman*.** Bush with habit of *R. mucronatum* but more densely branched. The leaves are similar but heavier in character, evergreen. Flowers 2 to 4 in head, 3¾ inches across, pale La France pink with a few slightly darker spots on the blotch area. Mid-May.

**202129. PHASEOLOUS LUNATUS L. Fabaceae. Lima bean.**

From Mexico. Seeds collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 25, 1952.

No. 5823. Market, Jalapa, Veracruz. July 15, 1952.

**202130. SESBANIA BISPINOSA (Jacq.) W. F. Wight. Fabaceae.**

From India. Seeds presented by Jasiant Singh & Sons, Balrampur. Received July 30, 1952.

**202131 to 202228.**

From Argentina. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 28, 1952.

Collected in 1952.

**202131. *ACAENA* sp. Rosaceae.**

No. 264. Hills west of Esquel, Chubut. Mar. 9. Dwarf perennial.

**202132. *ACAENA* sp.**

No. 289. Lago Futalaufquén, south slope on north side of Lake Chubut. Mar. 28. Dwarf perennial.

**202133. *ACAENA* sp.**

No. 302. Lago Futalaufquén, Chubut. Mar. 28. Dwarf perennial.

**202134. *ACAENA* sp.**

No. 396. Mount La Torta, Rivadavia Range, Chubut. Mar. 30. Dwarf perennial.

**202135. *ADESMIA* sp. Fabaceae.**

No. 267. Hills west of Esquel, Chubut. Mar. 9.

**202136 to 202147. *AGROPYRON SCABRIGLUME* (Hack.) Parodi. Poaceae.**

Facultad Agronomía, Buenos Aires. Feb. 19.

Selections from individual plants.

**202136.** Plant 1.

**202143.** Plant 8.

**202137.** Plant 2.

**202144.** Plant 9.

**202138.** Plant 3.

**202145.** Plant 10.

**202139.** Plant 4.

**202146.** No. 15. Parodi Grass Garden.

**202140.** Plant 5.

**202147.** No. 16. Parodi Grass Garden.

**202141.** Plant 6.

**202142.** Plant 7.

**202148. *AGROTITICUM* sp. Poaceae.**

No. 19. Facultad Agronomía, Buenos Aires. Feb. 21.

## 202131 to 202228—Continued

202149. *ASTRAGALUS* sp. Fabaceae.

No. 56. Cañadón León, Santa Cruz. Feb. 27. Perennial.

202150. *BACCHARIS* sp. Asteraceae.

No. 141. Thirty km. west of Comodoro Rivadavia. Mar. 4. Said not to be a weed.

202151. *BACCHARIS* sp.

No. 200. Hills east of Esquel, Chubut. Mar. 7. Perennial.

202152. *BRACHYODIUM PINNATUM* (L.) Beauv. Poaceae.

No. 9. Facultad Agronomía, Buenos Aires. Feb. 21. Foliage very soft.

202153. *BRIZA SUBARISTATA* Lam. Poaceae.

No. 21. Facultad Agronomía, Buenos Aires. Feb. 21.

202154. *BROMUS TRINII* Desv. Poaceae.

No. 251. Hills east of Esquel, Chubut. Mar. 7. Perennial.

202155. *CAIOPHORA* sp. Loasaceae.

No. 211. Hills east of Esquel, Chubut. Mar. 7.

202156. *CAIOPHORA* sp.

No. 265. Hills west of Esquel, Chubut. Mar. 9.

202157. *CHLORIS GAYANA* Kunth. Poaceae.

Rhodes grass.

No. 7. Facultad Agronomía, Buenos Aires. Feb. 19.

202158. *CHUQUIRAGA* sp. Asteraceae.

No. 77. Cañadón León, Santa Cruz. Feb. 28.

202159. *CHUQUIRAGA* sp.

No. 172. Sarmiento, Comodoro Rivadavia. Mar. 5.

202160. *COLLETIA SPINOSISSIMA* Gmel. Rhamnaceae.

No. 405. Lago Futalaufquén, Chubut. Mar. 31. Tall heavy shrub.

202161. *COLLIGUAJA INTEGERRIMA* Gill. & Hook. Euphorbiaceae.

No. 145. Twenty km. west of Comodoro Rivadavia. Mar. 4. Said to be poisonous.

202162. *DANTHONIA PILOSA* R. Br. Poaceae.

No. 25. Instituto Fitotecnía, Castelar, Buenos Aires. Feb. 22.

202163. *EPHEDRA* sp. Gnetaceae.

No. 163. Comodoro Rivadavia. Mar. 5.

202164. *ERAGROSTIS* sp. Poaceae.

No. 5. Facultad Agronomía, Buenos Aires. Feb. 19.

202165. *FESTUCA ARGENTINA* Parodi. Poaceae.

No. 115. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

202166. *FESTUCA MONTICOLA* Phil.

No. 222. Futalaufquén, Chubut. Mar. 8. Tufted perennial. Very glaucous.

202167. *FESTUCA* sp.

No. 87. South of Rio Chico, Ranch "La Rosinda," Santa Cruz. Feb. 28.

202168. *FESTUCA* sp.

No. 100. Cañadón León, Santa Cruz. Feb. 29.

202169. *FESTUCA* sp.

No. 206. Hills east of Esquel, Chubut. Mar. 7.

**202131 to 202228—Continued****202170.** *FESTUCA* sp.

No. 273. Hills west of Esquel, Chubut. Mar. 9.

**202171.** *FUCHSIA* sp. Onagraceae.

No. 288. Lago Futalaufquén, Chubut. Mar. 28. Small shrub. Dark-red flower.

**202172.** *GLYCERIA MULTIFLORA* Steud. Poaceae.

No. 214. Banks of small stream running through Esquel, Chubut. Mar. 8. Perennial.

**202173.** *GRINDELIA* sp. Asteraceae.

No. 164. Sarmiento, Comodoro Rivadavia. Mar. 5. Perennial. Yellow flower.

**202174.** *HORDEUM COMPRESSUM* Griseb. Poaceae. **Barley.**

No. 13. Parodi Grass Garden, Facultad Agronomía, Buenos Aires. Feb. 21.

**202175.** *HORDEUM* sp.

No. 143. Thirty km. west of Comodoro Rivadavia. Mar. 4.

**202176.** *KOELERIA BERGHII* Hieron. Poaceae.

No. 71. On edge of Río Chico, Santa Cruz. Feb. 28.

**202177.** *KOELERIA* sp.

No. 118. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

**202178.** *LATHYRUS* sp. Fabaceae.

No. 72. South of Río Chico, Ranch "La Rosinda," Santa Cruz. Feb. 28.

**202179.** *LIBOCEDRUS CHILENSIS* Endl. Pinaceae.

No. 409. Lago Futalaufquén, Chubut. Mar. 31.

**202180.** *LYCIUM CHILENSE* Mill. Solanaceae.

No. 275. Chubut.

**202181.** *MALVA* sp. Malvaceae.

No. 177. Comodoro Rivadavia. Mar. 6. Bright-purple flowers.

**202182.** *MAYTENUS BOARIA* Molina. Celastraceae. **Mayten.**

No. 294. Lago Futalaufquén, Chubut. Mar. 28.

**202183.** *MUTISIA* sp. Asteraceae.

No. 272. Hills west of Esquel, Chubut. Mar. 9. Pink flower.

**202184.** *MYRTUS* sp. Myrtaceae.

No. 423. Lago Kruger, Chubut. Mar. 31.

**202185.** *ORYZA SUBULATA* Nees. Poaceae.

No. 22. Facultad Agronomía, Buenos Aires. Feb. 21.

**202186.** *OSMORHIZA* sp. Apiaceae.

No. 233. Futalaufquén, Chubut. Mar. 8. Perennial.

**202187.** *PASPALUM COMPRESSUM* Nees. Poaceae.

No. 12. Facultad Agronomía, Buenos Aires. Feb. 21.

**202188 to 202192.** *PASPALUM DILATATUM* Poir. **Dallis grass**

Facultad Agronomía, Buenos Aires. Feb. 19.

**202188.** Plant 1.**202191.** Plant 4.**202189.** Plant 2.**202192.** Mixed seed.**202190.** Plant 3.

## 202131 to 202228—Continued

202193. *PASPALUM GUARANITICUM* Parodi.

No. 11. Parodi Grass Garden, Facultad Agronomía, Buenos Aires. Feb. 21.

202194. *PERNETTYA MUCRONATA* (L. f.) Gaud. Ericaceae.

No. 412. Lago Kruger, Chubut. Mar. 31. A white-fruited form.

202195. *PLANTAGO PATAGONICA* Jacq. Plantaginaceae.

No. 180. Comodoro Rivadavia. Mar. 7.

202196. *POA VIRIDIFOLIA* Hochst. Poaceae.

No. 20. Facultad Agronomía, Buenos Aires. Feb. 21. Leaves blue-green and very wide.

202197. *Poa* sp.

No. 46. Bahía Blanca, Buenos Aires. Feb. 21. Perennial.

202198. *Poa* sp.

No. 63. Cañadon León, Santa Cruz. Feb. 27.

202199. *Poa* sp.

No. 111. San Julian, San Julian, Santa Cruz. Mar. 1.

202200. *Poa* sp.

No. 159. Sarmiento, Comodoro Rivadavia. Mar. 5.

202201. *Poa* sp.

No. 205. Hills east of Esquel, Chubut. Mar. 7.

202202. *Poa* sp.

No. 266. Hills west of Esquel, Chubut. Mar. 9.

202203. *Poa* sp.

No. 270. Hills west of Esquel, Chubut. Mar. 9. Perennial.

202204. *POLYPOGON INTERRUPTUS* H. B. K. Poaceae.

No. 216. Banks of small stream running through Esquel, Chubut. Mar. 8. Perennial.

202205. *PRATIA* sp. Campanulaceae.

No. 64. Cañadon León, Santa Cruz. Feb. 27. Dwarf. Irregular pink flower.

202206. *PROSOPSIS DENUDANS* Benth. Mimosaceae.

No. 171. Dry hills surrounding Lake Sarmiento, Comodoro Rivadavia. Mar. 5.

202207. *PRUNUS DOMESTICA* L. Amygdalaceae.

Common plum.

No. 403. Lago Futalaufquén, Chubut. Mar. 30.

202208. *PUCCINELLIA GLAUDESCENS* (Phil.) Parodi. Poaceae.

No. 137. Thirty km. west of Comodoro Rivadavia. Mar. 4.

202209. *PUCCINELLIA* sp.

No. 107. Seashore at San Julian, Santa Cruz. Mar. 1.

202210. *PUCCINELLIA* sp.

No. 121. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

202211. *RUTA GRAVEOLENS* L. Rutaceae.

Rue.

No. 176. Comodoro Rivadavia. Mar. 6.

202212. *ANDROPOGON SACCHAROIDES* Swartz. Poaceae.

No. 10. Facultad Agronomía, Buenos Aires. Feb. 21.

202213. *SENECIO* sp. Asteraceae.

No. 102. Cañadon León, Santa Cruz. Feb. 29.

**202131 to 202228—Continued**202214. *SETARIA* sp. Poaceae.

No. 6. Facultad Agronomía, Buenos Aires. Feb. 19.

202215. *STIPA PAPPOSA* Nees. Poaceae.

Needlegrass.

No. 4. Facultad Agronomía, Buenos Aires. Feb. 19.

202216. *STIPA* sp.

No. 52. Comodoro Rivadavia. Feb. 27. Perennial.

202217. *STIPA* sp.

No. 117. Estancia Coronel, 20 km. west of San Julian, Santa Cruz. Mar. 1.

202218. *STIPA* sp.

No. 131. Fifty km. south of Comodoro Rivadavia. Mar. 3.

202219. *STIPA* sp.

No. 132. Fifty km. south of Comodoro Rivadavia. Mar. 3.

202220. *STIPA* sp.

No. 179. Airport, Comodoro Rivadavia. Mar. 7.

202221. *STIPA* sp.

No. 253. Hills east of Esquel, Chubut. Mar. 7. Perennial.

202222. *STIPA* sp.

No. 269. Instituto Fitotecnica, Castelar, Buenos Aires. Feb. 22.

202223. *TRICHACHNE* sp. Poaceae.

No. 29. Instituto Fitotecnica, Castelar, Buenos Aires.

202224. *TRisetum* sp. Poaceae.

No. 94. One hundred km. east of Cañadon León, Santa Cruz. Feb. 29.

202225. *TRisetum* sp.

No. 229. Futalaufquén, Chubut. Mar. 8. Perennial.

202226. *TRIXIS* sp. Asteraceae.

No. 124. One hundred and fifty km. north of San Julian on road to Comodoro Rivadavia. Mar. 2.

202227. *VICIA GRAMINEA* Smith. Fabaceae.

No. 155. Sarmiento, Comodoro Rivadavia. Mar. 5.

202228. *VICIA NIGRICANS* Hook. & Arn.

No. 293. Lago Futalaufquén, Chubut. Mar. 28.

202229. *RAPHIA TAEDIGERA* Mart. Phoenicaceae.

Palm.

From Costa Rica. Seeds collected by Joseph W. Ayers, San José. Received July 30, 1952.

*Siliko.*202230 to 202233. *BOEHMERIA NIVEA* Gaud. Urticaceae.

Ramie.

From Indochina. Grafts presented by the Agronomic and Pastoral Research Division, Blao Experimental Station, Vietnam. Received July 30, 1952.

202230. *Banmethuot.*202232. *Laichau.*202231. *Blao.*202233. *Tonkin.*202234. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

From Uruguay. Seeds presented by the Director, Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Colonia. Received July 31, 1952.

*Charrua.*

**202235 to 202237.**

From Brazil. Collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 31, 1952.

Rio Grande do Sul. July 22 to 24, 1952.

202235. *AMARYLLIS* sp. Amaryllidaceae.

No. 1711. (Bulbs.) Red-purple flower.

202236. (Undetermined.)

No. 1723. (Plants.)

202237. (Undetermined.)

No. 1732. (Plants.)

**202238 and 202239. PASPALUM MALACOPHYLLUM Trin. Poaceae.**

From Brazil. Seeds presented by the Departamento Da Produção Animal, São Paulo. Received July 31, 1952.

202238. *Capim Milha Roxo*. Nova Odessa.

202239. *Capim Milha Roxo*. Pindamonhangaba.

**202240 and 202241. VERATRUM VIRIDE Ait. Melanthiaceae.**

**American white hellebore.**

From New York. Seeds presented by Mrs. M. Whitney, Ellenville. Received July 30, 1952.

202240. No. 1.

202241. No. 2.

**202242 to 202244.**

From Maltá. Seeds obtained from the Argotti Botanic Gardens, Floriana. Received Aug. 1, 1952.

202242. *ASTRAGALUS BOETICUS* L. Fabaceae.

202243. *ATRIplex CALOTHECA* Fries. Chenopodiaceae.

202244. *DATURA CHLORANTHA* Hook. Solanaceae.

**202245 to 202247. ORYZA SATIVA L. Poaceae.**

**Rice.**

From Thailand. Seeds presented by the American Embassy, Bangkok. Received Apr. 28, 1952.

202245. Davis MSA/W. Long grain.

202246. Davis MSA/W. Medium length grain.

202247. Davis MSA/W. Short grain.

**202248 to 202321.**

From Argentina and Chile. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 4, 1952.

Unless otherwise noted, collected in Argentina in 1952.

202248. *ACAENA MACROSTEMON* Hook f. Rosaceae.

No. 474. Quichaura Ranch, near Tecka, Chubut. Apr. 4.

202249. *ACAENA PLATYACANTHA* Speg.

No. 504. Between Quichaura Ranch and Tecka, Chubut. Apr. 7.

202250. *ACAENA* sp.

No. 408. Lago Kruger, Chubut. Mar. 31.

202251. *ACAENA* sp.

No. 449. Near Esquel Airfield, Chubut. Apr. 2. Dwarf perennial.

**202248 to 202321—Continued****202252. ACAENA sp.**

No. 767. Banks of Río de La Laja, Ñuble, Chile. May 2.

**202253. ACAENA sp.**

No. 818. Puerto Octay, Osorno, Chile. May 5.

**202254. ADESMIA sp. Fabaceae.**

No. 477. Quichaura Ranch, near Tecka, Chubut. Apr. 5.

**202255. ADESMIA sp.**

No. 664. Near Villavicencio, Mendoza. Apr. 22.

**202256. AGROPYRON sp. Poaceae.**

No. 526. Quichaura Ranch, near Tecka, Chubut. Apr. 10.

**202257. AGROSTIS BUCHTIENII Hack. Poaceae.**

No. 410. Lago Kruger, Chubut. Mar. 31.

**202258. AGROSTIS sp.**

No. 534. <sup>1</sup>Quichaura Ranch, near Tecka, Chubut. Apr. 10.

**202259. AGROSTIS sp.**

No. 681. San Juan. Apr. 22.

**202260. AGROSTIS sp.**

No. 724. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1. Perennial.

**202261. AGROSTIS sp.**

No. 783. Near Los Ángeles, Bío-Bío, Chile. May. 2.

**202262. AGROSTIS sp.**

No. 790. Near Los Ángeles, Bío-Bío, Chile. May 3.

**202263. AGROSTIS sp.**

No. 794. Centinella Agricultural Experiment Station on Lago Llanquihue, Osorno, Chile. May 4.

**202264. AGROSTIS sp.**

No. 822. Road to Puerto Octay, Osorno, Chile. May 5. Tufted perennial.

**202265. AGROSTIS sp.**

No. 824. Road from Puerto Octay to Corte Alto, Osorno, Chile. May 5. Tufted perennial.

**202266. AGROSTIS sp.**

No. 831. Near Puerto Octay, Osorno, Chile. May 5.

**202267. AGROSTIS sp.**

No. 888. Santiago, Chile. May 10.

**202268 and 20269. SORGHUM PLUMOSUM (R. Br.) Beauv. Poaceae.**

202268. No. 738. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1.

202269. No. 791. Banks of Río de La Laja, Ñuble, Chile. May 2. Tufted perennial.

**202270. ANDROPOGON sp. Poaceae.**

No. 638. San Luis. Apr. 25. Tufted perennial.

**202271. ANDROPOGON sp.**

No. 687. Mendoza. Apr. 22. Tufted perennial.

**202248 to 202321—Continued**

**202272. ANDROPOGON SACCHAROIDES** Swartz.

No. 897. La Germania Seed Farm, Las Rosas, Santa Fe. May 14. Tufted perennial.

**202273. ARRHENATHERUM ELATIUS** (L.) Beauv. Poaceae.

No. 867. Puerto Octay, Osorno, Chile. May 6.

**202274. BRACHIARIA** sp. Poaceae.

No. 904. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

**202275. BROMUS CATHARTICUS** Vahl. Poaceae.

**Rescue grass.**

No. 995. La Germania Seed Farm, Las Rosas, Santa Fe. May 16.

**202276. BROMUS** sp.

No. 287. Lago Futalaufquén, Chubut. Mar. 28. Very tall and leafy.

**202277. TRICHLORIS CRINITA** (Lag.) Parodi. Poaceae.

No. 612. Forty miles from San Juan, near Agua Media. Apr. 24.

**202278. CLEMATIS** sp. Ranunculaceae.

No. 676. South of Villavicencio on road to Mendoza. Apr. 22.

**202279. CLEMATIS** sp.

No. 885. Santiago, Chile. May 10. Perennial.

**202280. COTONEASTER** sp. Malaceae.

No. 836. Llanquihue, Osorno, Chile. May 5. Dark-red fruit. Leaves dark-green.

**202281. DACTYLIS GLOMERATA** L. Poaceae.

**Orchard grass.**

No. 732. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1.

**202282. DAUBENTONIA** sp. Fabaceae.

No. 835. Llanquihue, Osorno, Chile. May 5.

**202283. ELYMUS** sp. Poaceae.

No. 235. Futalaufquén, Chubut. Mar. 8. Perennial.

**202284. ERAGROSTIS** sp. Poaceae.

No. 889. Santiago, Chile. May 10.

**202285. HOFFMANSEGGIA** sp. Fabaceae.

No. 671. Five miles south of Villavicencio on road to Mendoza. Apr. 22. Low woody perennial.

**202286. JACARANDA** sp. Bignoniaceae.

No. 881. Santiago, Chile. May 10.

**202287. LINUM** sp. Linaceae.

No. 737. Agricultural Experiment Station, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1.

**202288. LUZURIAGA RADICANS** Ruiz & Pav. Liliaceae.

No. 871. (No notes.)

**202289 and 202290. MAYTENUS BOARIA** Molina. Celastraceae.

**Mayten.**

202289. No. 437. Lago Futalaufquén, Chubut. Apr. 1.

202290. No. 779. Banks of Río de La Laja, Ñuble, Chile. May 2.

**202291. MEDICAGO SATIVA** L. Fabaceae.

**Alfalfa.**

No. 950. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.



**202248 to 202321—Continued**

- 202292.** *MELILOTUS ALBA* Desr. Fabaceae. **White sweetclover.**  
No. 733. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1.
- 202293.** *MENTHA* sp. Menthaceae.  
No. 760. Near Los Ángeles, Bío-Bío, Chile. May 3. Perennial.
- 202294 and 202295.** *PANICUM MILIACEUM* L. Poaceae. **Proso.**  
**202294.** No. 279. Facultad Agronomía, Buenos Aires. Mar. 18.  
**202295.** No. 546. Estancia La Davesa, Córdoba. Apr. 20.
- 202296.** *PASPALUM* sp. Poaceae.  
No. 28. Instituto Fitotecnia, Castelar, Buenos Aires. Feb. 22.
- 202297.** *PASPALUM* sp.  
No. 545. Three miles west of Colón, Santa Fé. Apr. 19.
- 202298.** *PASPALUM* sp.  
No. 631. Mendoza. Apr. 24.
- 202299.** *PASPALUM URVILLEI* Steud.  
No. 728. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1. Perennial.
- 202300.** *PASPALUM* sp.  
No. 878. Santiago, Chile. May 10. Perennial.
- 202301.** *QUILLAJA SAPONARIA* Molina. Rosaceae. **Soapbark tree.**  
No. 778. Banks of Río de La Laja, Ñuble, Chile. May 2. Used to clean clothes.
- 202302.** *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**  
No. 284. Buenos Aires. Mar. 22.
- 202303.** *ROSA* sp. Rosaceae. **Rose.**  
No. 404. Lago Futalaufquén, Chubut. Mar. 31.
- 202304.** *ROSA* sp.  
No. 543. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1.
- 202305.** *ROSA* sp.  
No. 688. Mendoza. Apr. 22. Fruits bright-red.
- 202306.** *RUBUS* sp. Rosaceae. **Raspberry.**  
No. 730. Estación Human de Agrícola Experimental, 10 miles east of Los Ángeles, Bío-Bío, Chile. May 1.
- 202307.** *RUBUS* sp.  
No. 826. Road from Puerto Octay to Corte Alto, Osorno, Chile. May 5. Fruits large, tasty.
- 202308.** *RUMEX* sp. Polygonaceae.  
No. 868. Puerto Octay, Osorno, Chile. May 6.
- 202309.** *SANGUISORBA* sp. Rosaceae.  
No. 786. Banks of Río de La Laja, Ñuble, Chile. May 2. Perennial.
- 202310.** *SOLANUM* sp. Solanaceae.  
No. 555. Río Cuarto, Córdoba. Apr. 20. Perennial.
- 202311.** *SOLANUM* sp.  
No. 678. Five miles east of Villavicencio on road to Mendoza. Apr. 22. Perennial.

**202248 to 202321—Continued****202312. SOLANUM sp.**

No. 692. Near Villavicencio, Mendoza. Apr. 22.

**202313. SOLANUM sp.**

No. 693. Villavicencio, Mendoza. Apr. 22. Perennial.

**202314. SORGHUM HALEPENSE (L.) Pers. Poaceae.**

**Johnson grass.**

No. 966. La Germania Seed Farm, Las Rosas, Santa Fe. May 16.

**202315. SPOROBOLUS RIGENS (Trin.) E. Desv. Poaceae.**

No. 281. Puerto Modryn. January 1949.

**202316. STIPA sp. Poaceae.**

**Needlegrass.**

No. 535. Quichaura Ranch, near Tecka, Chubut. Apr. 10.

**202317. STIPA sp.**

No. 632. Villavicencio, Mendoza. Apr. 22. Tufted perennial.

**202318. STIPA sp.**

No. 651. Buenos Aires. Apr. 26. Tufted perennial.

**202319. STIPA sp.**

No. 672. Five miles south of Villavicencio on road to Mendoza. Apr. 22.

**202320. TRIFOLIUM PRATENSE L. Fabaceae.**

**Red clover.**

No. 731. Estación Human de Agrícola Experimental, 10 miles east of Los Angeles, Bío-Bío, Chile. May 1.

**202321. TRIFOLIUM REPENS L.**

**White clover.**

No. 860. Puerto Octay, Osorno, Chile. May 6.

**202322. SIMMONDSIA CHINENSIS (Link) C. Schneid. Buxaceae.**

**Jojoba.**

From California. Cuttings collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 6, 1952.

No. 11983. Along road to Sage, Aguanga. Aug. 3, 1952.

**202323 to 202327. DIOSCOREA spp. Dioscoreaceae.**

From Mexico. Rhizomes and seeds collected by William B. Fox, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 6, 1952.

Collected July 23 to 28, 1952.

**202323 and 202324. DIOSCOREA COMPOSITA Hemsl.**

**202323.** No. 5830. Two miles east of Tlapacoyan, Veracruz. (Rhizomes and seeds.)

**202324.** No. 5831. Two miles north of Mizantla, Veracruz. (Rhizomes and seeds.)

**202325. DIOSCOREA sp.**

No. 5832. One mile north of Tihuatlán, Veracruz. (Rhizomes and seeds.)

**202326. DIOSCOREA sp.**

No. 5826. Ten miles west of Veracruz, near Jalapa highway. (Rhizomes.)

**202327. DIOSCOREA sp.**

No. 5827. Ten miles west of Veracruz, near Jalapa highway. (Rhizomes.)

**202328 to 202341. AGAVE spp. Amaryllidaceae.**

From California. Plants growing at the Huntington Garden, San Marino.  
Numbered Aug. 5, 1952.

Collected by H. S. Gentry in Mexico, unless otherwise noted.

**202328. AGAVE BOVICORNUTA Gentry.**

Arroyo Hondo, Sierra Charuco, Chihuahua. Apr. 16 to 30, 1946.

**202329. AGAVE CERULATA Trel.**

West of San Ignacio, Baja California. Mar. 6, 1949.

**202330. AGAVE PARVIFLORA Torr.**

About 11 miles southeast of Ruby, Ariz. Dec. 10, 1950.

**202331. AGAVE SHREVEI Gentry.**

Arroyo Hondo, Sierra Charuco, Chihuahua. Apr. 16 to 30, 1948.

**202332. AGAVE sp.**

Rancho Africa, Sierra Tacuichamona, Sinaloa. Feb. 19, 1940.

**202333. AGAVE sp.**

Los Pucheros, Sierra Surotato, Sinaloa. Mar. 17 to 24, 1945.

**202334. AGAVE sp.**

Los Pucheros, Sierra Surotato, Sinaloa. Mar. 17 to 24, 1945.

**202335. AGAVE sp.**

Picachos de Santa Clara, Baja California. Nov. 5 to 10, 1947.

**202336. AGAVE sp.**

Picachos de Santa Clara, Baja California. Nov. 5 to 10, 1947.

**202337. AGAVE sp.**

Picachos de Santa Clara, Baja California. Nov. 5 to 10, 1947.

**202338. AGAVE sp.**

Rinconado de San Hipolito, Baja California. Nov. 15 to 17, 1947.

**202339. AGAVE sp.**

Near Los Encenillos, Chihuahua. Sept. 9, 1948.

**202340. AGAVE sp.**

Cuchillas de Zarca, Durango. Oct. 5, 1948.

**202341. AGAVE sp.**

San Bernardo, Sonora. Mar. 8, 1951.

**202342 to 202345. DIOSCOREA spp. Dioscoreaceae.**

From the Union of South Africa. Rhizomes collected by Scherag (Pty.) Limited,  
Johannesburg. Received Aug. 8, 1952.

**202342. DIOSCOREA BREVIPES Burt-Davy.**

No. 10.

**202343 to 202345. DIOSCOREA ELEPHANTIPES (L'Hérit.) Engl.**

202343. No. 9.

202344. No. 11.

202345. No. 12.

**202346. EUCALYPTUS PAUCIFLORA Sieber. Myrtaceae.**

From South Australia. Seeds presented by the Morris Arboretum, Philadelphia,  
Pa. Received Aug. 8, 1952.

Originally from T. R. N. Lothian, Director, Botanic Garden, Adelaide, South  
Australia.

**202347. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Australia. Seeds presented by N. S. Shirlow, Department of Agriculture, Sydney, New South Wales. Received Aug. 8, 1952.

*Festival C 15418.*

**202348 and 202349.**

From the Netherlands. Seeds presented by the Botanic Garden, Amsterdam. Received Aug. 12, 1952.

**202348. ASTRAGALUS VERUS Oliv. Fabaceae.**

**202349. LACTUCA SERRIOLA L. Cichoriaceae.**

**202350 to 202418.**

From Argentina and Chile. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 11, 1952.

Collected in 1952; from Argentina unless otherwise noted.

**202350. ACACIA sp. Mimosaceae.**

No. 643. San Luis. Apr. 25.

**202351. ACACIA sp.**

No. 893. Santiago, Chile. May 10.

**202352. ACAENA sp. Rosaceae.**

No. 400. Rivadavia Range, Mount La Torta, Chubut. Mar. 30. Dwarf, perennial.

**202353. ACAENA sp.**

No. 401. Rivadavia Range, Mount La Torta, Chubut. Mar. 30. Dwarf, perennial.

**202354. BRIZA sp. Poaceae.**

No. 839. Llanquihue, Osorno, Chile. May 5. Tufted perennial.

**202355 to 202360. BROMUS CATHARTICUS Vahl. Poaceae. Rescue grass.**

**202355.** No. 444. Hills near Esquel Airfield, Chubut. Apr. 2.

**202356.** No. 581. Mendoza. Apr. 2.

**202357.** No. 668. Mendoza. Apr. 22.

**202358.** No. 880. Santiago, Chile. May 10.

**202359.** No. 901. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

**202360.** No. 952. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

**202361. BROMUS sp.**

No. 310. Lago Verde, Chubut. March 29. Perennial.

**202362. CALAMAGROSTIS sp. Poaceae.**

No. 823. Puerto Octay road, Osorno, Chile. May 5. Tufted perennial.

**202363. CHLORIS GAYANA Kunth. Poaceae.**

**Rhodes grass.**

No. 903. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

**202364. CHLORIS RETUSA Lag.**

No. 936. La Germania Seed Farm, Las Rosas, Santa Fe. May 15. Tufted perennial.

**202365. TRICHLORIS CRINITA (Lag.) Parodi. Poaceae.**

No. 612. Media Agua, San Juan. Apr. 24. Tufted perennial.

**202366. CHLORIS POLYDACTYLA (L.) Swartz. Poaceae.**

No. 937. La Germania Seed Farm, Las Rosas, Santa Fe. May 15. Tufted perennial.

**202350 to 202418—Continued**

**202367 and 202368.** *ECHINOCHLOA CRUSGALLI* (L.) Beauv. Poaceae.

**Barnyard grass.**

**202367.** No. 754. Near Los Angeles, Bío-Bío, Chile. May 3.

**202368.** No. 963. La Germania Seed Farm, Las Rosas, Santa Fe. May 16.

**202369.** *ELEUSINE INDICA* (L.) Gaertn. Poaceae.

No. 971. Near railroad station, La California, Santa Fe. May 17.

**202370.** *ELYMUS ERIANTHUS* Phil. Poaceae.

No. 695. Mendoza. Apr. 22. Tufted perennial.

**202371.** *ELYMUS* sp.

No. 726. Estación Human de Agrícola Experimental, 10 miles east of Los Angeles, Bío-Bío, Chile. May 1. Tufted perennial.

**202372.** *ELYMUS* sp.

No. 793. Near Los Angeles, Bío-Bío, Chile. May 3. Tufted perennial.

**202373.** *ERAGROSTIS CILLANENSIS* (All.) Link. Poaceae.

No. 569. Twenty-three km. west of San Luis on Route 7, San Luis. Apr. 21.

**202374.** *ERAGROSTIS* sp.

No. 715. San Luis. Apr. 26.

**202375.** *FESTUCA* sp. Poaceae.

No. 300. Lago Futalaufquén, Chubut. Mar. 28.

**202376.** *FRAGARIA* sp. Rosaceae.

**Strawberry.**

No. 938. La Germania Seed Farm, Las Rosas, Santa Fe. May 15. Dwarf perennial.

**202377.** *GLEDITSIA AMORPHOIDES* (Griseb.) Taub. Caesalpinaceae.

No. 935. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

**202378.** *GLYCERIA* sp. Poaceae.

No. 753. Near Los Angeles, Bío-Bío, Chile. May 3.

**202379.** *HORDEUM MURINUM* L. Poaceae.

**Wild barley.**

No. 694. Mendoza. Apr. 22.

**202380.** *LEPTOCHLOA* sp. Poaceae.

No. 615. Media Agua, Mendoza. Apr. 24.

**202381.** *LEPTOCHLOA* sp.

No. 663. Mendoza. Apr. 24.

**202382.** *LOLIUM TEMULENTUM* L. Poaceae.

**Darnel.**

No. 949. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

**202383.** *LOTUS ULIGINOSUS* Schkuhr. Fabaceae.

**Big trefoil.**

No. 801. Centinella Agricultural Experiment Station, Osorno, Chile. May 4.

**202384.** *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

No. 580. Mendoza. Apr. 21.

**202385.** *PANICUM* sp. Poaceae.

No. 906. La Germania Seed Farm, Las Rosas, Santa Fe. May 14. Tufted perennial.

**202386.** *PANICUM* sp.

No. 948. La Germania Seed Farm, Las Rosas, Santa Fe. May 15. Perennial.

**202387 and 202388.** *PASPALUM DILATATUM* Poir. Poaceae.

**Dallis grass.**

**202387.** No. 899. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

**202388.** No. 969. Near railroad station, La California, Santa Fe. May 17.

## 202350 to 202418—Continued

202389. *PASPALUM NOTATUM* Fluegge.

Bahia grass.

No. 900. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

202390. *PASPALUM* sp.

No. 736. Estación Human de Agrícola Experimental, 10 miles east of Los Angeles, Bío-Bío, Chile. May 1. Dwarf, perennial.

202391. *PHALARIS ANGUSTA* Nees. Poaceae.

No. 896. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

202392. *PHALARIS MINOR* Retz.

No. 953. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

202393 and 202394. *PHALARIS TUBEROSA* var. *STENOPTERA* (Hack.) Hitchc.

202393. No. 727. Estación Human de Agrícola Experimental, 10 miles east of Los Angeles, Bío-Bío, Chile. May 1.

202394. No. 951. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

202395. *POA ERINACEA* Speg. Poaceae.

No. 537. Quichaura Ranch, near Tecka, Chubut. Apr. 10.

202396 and 202397. *POA LIGULARIS* Nees.

202396. No. 467. Quichaura Ranch, near Tecka, Chubut. Apr. 4.

202397. No. 658. Near Villavicencio, Mendoza. Apr. 22. Tufted perennial.

202398. *Poa* sp.

No. 340. Lago Futalaufquén, Chubut. Mar. 30. Tufted perennial.

202399. *Poa* sp.

No. 533. Quichaura Ranch, near Tecka, Chubut. Apr. 10.

202400. *POLYPOGON INTERRUPTUS* H. B. K. Poaceae.

No. 490. Quichaura Ranch, near Tecka, Chubut. Apr. 6.

202401. *PROSOPIS STROMBULIFERA* (Lam.) Benth. Mimosaceae.

No. 604. Road from Mendoza to San Juan, Mendoza. Apr. 24.

202402. *PROSOPIS* sp.

No. 587. Near Villavicencio, Mendoza. Apr. 22.

202403. *PUCCINELLIA PARVIFLORA* (Hack.) Parodi. Poaceae.

No. 478. Quichaura Ranch, near Tecka, Chubut. Apr. 5.

202404. *SETARIA GENICULATA* (Lam.) Beauv. Poaceae.

No. 898. La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

202405. *SETARIA* sp.

No. 642. Near Río Cuarto, Córdoba. Apr. 25.

202406. *SETARIA* sp.

No. 719. San Luis. Apr. 26. Tufted perennial.

202407. *SETARIA* sp.

No. 735. Estación Human de Agrícola Experimental, 10 miles east of Los Angeles, Bío-Bío, Chile. May 1.

202408. *SETARIA* sp.

No. 890. Chile. May 10.

202409. *SETARIA VERTICILLATA* (L.) Beauv.

No. 942. La Germania Seed Farm, Las Rosas, Santa Fe. May 15.

**202350 to 202418—Continued**

**202410 and 202411.** *SORGHUM ALMUM* Parodi. Poaceae.

La Germania Seed Farm, Las Rosas, Santa Fe. May 14.

**202410.** No. 894.

**202411.** No. 895.

**202412.** *SPOROBOLUS* sp. Poaceae.

No. 675. Eight km. south of Villavicencio, Mendoza. Apr. 22. Tufted perennial.

**202413.** *SPOROBOLUS* sp.

No. 761. Near Los Ángeles, Bío-Bío, Chile. May 3. Tufted perennial.

**202414.** *STIPA HUMILIS* Brot. Poaceae. Needlegrass.

No. 511. Mount Quichaura, Chubut. Apr. 8. Tufted perennial.

**202415.** *STIPA HYALINA* Nees.

No. 927. La Germania Seed Farm, Las Rosas, Santa Fe. May 15. Tufted perennial.

**202416.** *STIPA SPECIOSA* Trin. & Rupr.

No. 445. Hills near Esquel Airfield, Chubut. Apr. 2.

**202417.** *STIPA* sp.

No. 469. Quichaura Ranch, near Tecka, Chubut. Apr. 4.

**202418.** *TRICHACHNE* sp. Poaceae.

No. 710. San Luis. Apr. 26.

**202419 to 202423.** *ERAGROSTIS* spp. Poaceae.

From the Union of South Africa. Seeds collected by R. G. Poultney, Frankenswald. Received Aug. 12, 1952.

**202419.** *ERAGROSTIS BARBINODIS* Hack.

No. 45.

**202420 to 202422.** *ERAGROSTIS CURVULA* (Schrad.) Nees.

**202420.** No. 19.

**202421.** No. 87.

**202422.** No. 91.

**202423.** *ERAGROSTIS ROBUSTA* Stent.

No. 4.

**202424 and 202425.** *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

From India. Seeds presented by the Economic Botanist for Garden, Cotton, and Oil Seeds, Jullundur. Received Aug. 12, 1952.

**202424.** *L-7.*

**204425.** *L-16.*

**202426 to 202428.**

From Brazil. Collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 12, 1952.

Collected in Rio Grande do Sul. July 30 and 31, 1952.

**202426.** *ARACHIS MARGINATA* Gardn. Fabaceae.

No. 1822. Five km. southeast of Uruguaiana. (Plants.)

**202426 to 202428—Continued**

202427. *SISYRINCHIUM* sp. Iridaceae.

No. 1823. Five km. south of Uruguaiana. (Plants.)

202428. (Undetermined.)

No. 1788. Experiment Station, near airport, São Gabriel. (Tubers.)

202429. *SPATHOLOBUS PARVIFLORUS* (Roxb.) Kuntze. Fabaceae.

From India. Seeds presented by the Provincial Silviculturist, Ootacamund.

Received Aug. 13, 1952.

**202430 to 202475.**

From Argentina and Chile. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 13, 1952.

Collected in 1952; from Argentina, unless otherwise noted.

202430. *AGROSTIS LEPTOTRICHA* Desv. Poaceae.

No. 305. Lago Futalaufquén, Chubut. Mar. 28. Perennial.

202431. *AGROSTIS* sp.

No. 304. Lago Futalaufquén, Chubut. Mar. 28. Perennial.

202432. *AGROSTIS* sp.

No. 313. Lago Verde, Chubut. Mar. 29. Perennial.

202433. *BROMUS COLORATUS* Steud. Poaceae.

No. 734. Ten miles east of Estación Human de Agrícola Experimental, Bío-Bío, Chile. May 1.

202434. *BROMUS OBTUSIFLORUS* Hack.

No. 435. Lago Futalaufquén, Chubut. Apr. 1.

202435. *BROMUS* sp.

No. 296. Lago Futalaufquén, Chubut. Mar. 28.

202436. *BROMUS* sp.

No. 341. Lago Futalaufquén, Chubut. Mar. 30.

202437. *BROMUS* sp.

No. 370. Mount La Torta, Rivadavia Range, Chubut. Mar. 30. Perennial.

202438. *CORIARIA* sp. Coriariaceae.

No. 850. Llanquihue, Osorno, Chile. May 5.

202439. *CORTADERIA ARAUCANA* Stapf. Poaceae.

No. 337. Lago Futalaufquén, Chubut. Mar. 30.

202440. *DANTHONIA GLABRA* Phil. Poaceae.

No. 381. Mount La Torta, Rivadavia Range, Chubut. Mar. 30.

202441. *DESCHAMPSIA ELONGATA* (Hook.) Munro. Poaceae.

No. 312. Lago Verde, Chubut. Mar. 29. Perennial.

202442. *EPILOBIUM* sp. Onagraceae.

No. 832. Near Puerto Octay, Osorno, Chile. May 5. Perennial.

202443. *ERAGROSTIS POLYTRICHA* Nees. Poaceae.

No. 721. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1.

202444. *FESTUCA MONTICOLA* Phil. Poaceae.

No. 369. Mount La Torta, Rivadavia Range, Chubut. Mar. 30.

202445. *FOENICULUM VULGARE* Mill. Apiaceae.

**Fennel.**

No. 911. La Germania Seed Farm, Santa Fe. May 15. Perennial.



## 202430 to 202475—Continued

202446. *FUCHSIA* sp. Onagraceae.

No. 812. Puerto Octay, Osorno, Chile. May 5.

202447. *FUCHSIA* sp.

No. 861. Puerto Octay, Osorno, Chile. May 5.

202448. *GUNNERA* sp. Haloragidaceae.

No. 814. Puerto Octay, Osorno, Chile. May 5. Stems of sour taste, used as fresh salad.

202449. *JATROPHA* sp. Euphorbiaceae.

No. 691. Mendoza. Apr. 22. Leathery foliage.

202450. *LARREA* sp. Zygophyllaceae.

No. 670. Villavicencio, Mendoza. Apr. 22.

202451. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

No. 491. Quichaura Ranch, near Tecka, Chubut. Apr. 6.

202452. *MELILOTUS ALBA* Desr. Fabaceae.

White sweetclover.

No. 605. On road from Mendoza to San Juan, Mendoza. Apr. 24.

202453. *MELILOTUS* sp.

Sweetclover.

No. 891. Santiago, Chile. May 10.

202454. *MYRCEUGENIA APICULATA* (DC) Ndz. Myrtaceae.

No. 866. Puerto Octay, Osorno, Chile. May 6.

202455. *PHLEUM ALPINUM* L. Poaceae.

No. 353. Mount La Torta, Chubut. Mar. 30.

202456 and 202457. *POA SCABERULA* Hook. Poaceae.

202456. No. 380. Mount La Torta, Rivadavia Range, Chubut. Mar. 30.

202457. No. 427. Lago Futalaufquén, Chubut. Mar. 31.

202458. *POA* sp.

No. 308. Lago Verde, Chubut. Mar. 29.

202459 to 204461. *POLYPOGON AUSTRALIS* Brongn. Poaceae.

202459. No. 303. Lago Futalaufquén, Chubut. Mar. 28. Perennial.

202460. No. 722. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1.

202461. No. 803. Centinella Agricultural Experiment Station, Osorno, Chile. May 4.

202462. *PUCCINELLIA* sp. Poaceae.

No. 494. Quichaura Ranch, near Tecka, Chubut. Apr. 6. Tufted perennial.

202463. *RELCHELA PANICOIDES* Steud. Poaceae.

No. 415. Lago Kruger, Chubut. Mar. 31. Tufted perennial.

202464. *SOPHORA TETRAPTERA* J. Mill. Fabaceae.

No. 802. Llanquihue, Osorno, Chile. May 4.

202465. *SOPHORA* sp.

No. 646. Venado Tuerto, Santa Fe. Apr. 26.

202466. *SPHAERALCEA* sp. Malvaceae.

No. 667. Near Villavicencio, Mendoza. Apr. 22.

202467. *STIPA HUMILIS* Brot. Poaceae.

Needlegrass.

No. 446. Hills near Esquel Airfield, Chubut. Apr. 2.

**202430 to 202475—Continued**

202468. *STIPA PATAGONICA* Speg.

No. 501. Between Quichaura Ranch and Tecka, Chubut. Apr. 7.

202469. *TRisetum SPICATUM* (L.) Richter. Poaceae.

No. 306. Lago Futalaufquén, Chubut. Mar. 28. Perennial.

202470. *TRisetum* sp.

No. 311. Lago Verde, Chubut. Mar. 29.

202471. *UGNI MOLINAE* (Barn.) Turcz. Myrtaceae.

No. 872. Puerto Octay, Osorno, Chile. May 7. Fruits very tasty.

202472. *VERONICA* sp. Scrophulariaceae.

No. 297. Lago Futalaufquén, Chubut. Mar. 28. Dwarf perennial.

202473. *VICIA* sp. Fabaceae.

No. 739. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1. Perennial.

202474. *VICIA* sp.

No. 697. Villavicencio, Mendoza. Apr. 22. Perennial.

202475. *VICIA* sp.

No. 859. Puerto Octay, Osorno, Chile. May 6. Perennial.

**202476 and 202477. *TRITICUM AESTIVUM* L. Poaceae.****Common wheat.**

From France. Seeds presented by the École Nationale d'Agriculture, Montpellier. Received Aug. 13, 1952.

202476. *Marival*.

202477. *Yga Bondeau*.

**202478. *CORTADERIA SELLOANA* (Schult.) Aschers. & Graebn. Poaceae.**

From New Zealand. Seeds presented by the Department of Agriculture, Palmerston. Received Aug. 13, 1952.

**202479 and 202480.**

From Morocco. Seeds presented by the Service de la Recherche Agronomique et de l'Experimentation Agricole, Rabat. Received Aug. 14, 1952.

202479. *HORDEUM BULBOSUM* L. Poaceae.

**Barley.**

202480. *PHALARIS TUBEROSA* var. *STENOPTERA* (Hack.) Hitchc. Poaceae.

**202481 to 202483.**

From Central America. Collected by George A. Zentmyer, Citrus Experiment Station, Riverside, Calif. Received Aug. 14, 1952.

202481. *CINNAMOMUM CAMPHORA* (L.) Nees & Eberm. Lauraceae.

Finca Chocola, Guatemala. (Seeds.)

202482. *NECTANDRA* sp. Lauraceae.

Finca Quirazu, Costa Rica. (Cuttings.)

202483. *PERSEA SKUTCHII* C. K. Allen. Lauraceae.

Finca Quirazu, Costa Rica. (Seeds.)

**202484 and 202485.**

From the Cameroons. Seeds collected by William H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Aug. 15, 1952.

202484. *COFFEEA ARABICA* L. Rubiaceae.

**Arabian coffee.**

Collected at Station du Quinquina, Dschang. Cultivated as variety *Bourbon*, but apparently not that variety.

**202484 and 202485—Continued****202485. RUBUS ROSAEFOLIUS** Sm. Rosaceae.**Raspberry.**

Collected at N'Kongsamba. Fruits large, light-pink, soft, lacking in flavor.

**202486 to 202488.**

From the Union of South Africa. Seeds presented by L. M. Josephson, College of Agriculture, Potchefstroom, Transvaal. Received Aug. 15, 1952.

**202486 and 202487. TRITICUM AESTIVUM** L. Poaceae.**Common wheat.****202486. Selection 1.****202487. Selection 3.****202488. TRITICUM.***Selection 2.***202489. TRITICUM AESTIVUM** L. Poaceae.**Common wheat.**

From South Australia. Seeds presented by the Waite Agricultural Research Institute, Adelaide. Received Aug. 15, 1952.

*Birdproof 702.***202490 to 202492. SECALE CEREALE** L. Poaceae.**Rye.**

From Australia. Seeds presented by William Hartley, Commonwealth Scientific and Industrial Research Organization, Canberra, Australian Capital Territory. Received Aug. 15, 1952.

**202490. Rosen.****202491. Wiatka.****202492. No. 362.****202493 to 202496. MEDICAGO SATIVA** L. Fabaceae.**Alfalfa.**

From Argentina. Seeds presented by the Dirección General de Investigaciones Agrícolas, División de Exploraciones e Introduccion, Buenos Aires. Received Aug. 18, 1952.

**202493. SD 49-710.****202495. Pampeana SD 49-709.****202494. Muroia SD 49-708.****202496. Vallista SD 49-141.****202497. PANICUM MAXIMUM** var. **TRICHOGLUME** Eyles. Poaceae.

From South Australia. Seeds presented by R. H. Patterson, Department of Works, Adelaide. Received Aug. 18, 1952.

**202498 and 202499. SIMMONDSIA CHINENSIS** (Link.) C. Schneid.**Buxaceae.****Jojoba.**

From California. Seeds collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 18, 1952.

Collected Aug. 3, 1952, along road to Sage, Aguanga.

**202498. No. 11981.****202499. No. 11982.****202500 to 202524.**

From Morocco. Seeds presented by the Service de la Recherche Agronomique et de l'Experimentation Agricole, Rabat. Received Aug. 18, 1952.

**202500. BROMUS RIGIDUS** Roth. Poaceae.**202501. BROMUS RUBENS** L.**202502. CHLORIS GAYANA** Kunth. Poaceae.**Rhodes grass.****202503. DACTYLIS GLOMERATA** L. Poaceae.**Orchard grass.****202504. EHRHARTA CALYCINA** J. E. Sm. Poaceae.

**202500 to 202524—Continued**

202505. *ERAGROSTIS CURVULA* (Schräd.) Nees. Poaceae.  
 202506. *GAUDINIA FRAGILIS* (L.) Beauv. Poaceae.  
 202507. *HOLCUS LANATUS* L. Poaceae.  
 202508. *HYPARRHENIA HIRTA* (L.) Staph. Poaceae.  
 202509. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.  
 202510. *MELILOTUS ITALICA* Lam. Fabaceae. Sweetclover.  
 202511. *MELILOTUS OFFICINALIS* (L.) Lam. Yellow sweetclover.  
 202512. *MELILOTUS SEGETALIS* (Brot.) Ser. Sweetclover.  
 202513. *PENNISETUM CILIARE* (L.) Link. Poaceae. Buffelgrass.  
 202514. *POLYPOGON MONSPELIENSE* (L.) Desf. Poaceae.  
 202515. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae. Berseem.  
 202516. *TRIFOLIUM ANGUSTIFOLIUM* L.  
 202517. *TRIFOLIUM ISTHMOCARPUM* Brot.  
 202518. *TRIFOLIUM REPENS* L. White clover.  
*Ladino.*  
 202519. *TRIFOLIUM RESUPINATUM* L. Persian clover.  
 202520. *TRIFOLIUM SPUMOSUM* L.  
 202521. *VICIA ERVILIA* (L.) Willd. Fabaceae.  
 202522. *VICIA LUTEA* L.  
 202523. *VICIA NARBONENSIS* L.  
 202524. *VICIA SATIVA* L. Common vetch.

**202525 and 202526.**

From the Netherlands. Seeds presented by the Botanic Garden, Leyden. Received Aug. 18, 1952.

202525. *DOLICHOS* sp. Fabaceae.  
 Received as *D. zebra*, an apparently unpublished name.  
 202526. *FRAGARIA VESCA* L. Rosaceae. Alpine strawberry.

**202527 and 202528. LUPINUS spp. Fabaceae.**

From Germany. Seeds presented by the Institut für Grünlandwirtschaft u. Futterbau, Braunschweig-Volkenrode. Aug. 19, 1952.

202527. *LUPINUS ALBUS* L. White lupine.  
 202528. *LUPINUS LUTEUS* L. European yellow lupine.

**202529 to 202536.**

From Belgium. Seeds presented by E. J. B. Verleyen, Plantentuin van Antwerpen, Antwerp. Received Aug. 19, 1952.

202529. *AGROPYRON JUNCEUM* (L.) Beauv. Poaceae.  
 202530. *AGROPYRON PUNGENS* (Pers.) Roem. & Schult.  
 202531. *BROMUS ADOENSIS* Hochst. Poaceae.  
 202532. *BROMUS CAPPADOCICUS* Boiss. & Bal.  
 202533. *BROMUS RIPARIUS* Rehm.  
 202534. *BROMUS SITCHENSIS* Trin.  
 202535. *MENTHA ARVENSIS* L. Menthaceae.  
 202536. *MENTHA SYLVESTRIS* L.

**202537 and 202538. MENTHA CRISPA L. Menthaceae.**

From the Netherlands. Cuttings presented by the Institute of Horticultural Plant Breeding, Wageningen. Received Aug. 21, 1952.

202537. No. 1.

202538. No. 2.

**202539 to 202541.**

From the Union of South Africa. Presented by Scherag Ltd., Johannesburg, Transvaal. Received Aug. 21, 1952.

**202539 and 202540. DIOSCOREA MONTANA Spreng. Dioscoreaceae.**

202539. No. 14. (Plants.)

202540. No. 15. (Crowns.)

**202541. DIOSCOREA sp.**

No. 13.x.2. (Crowns.)

**202542. ASTRAGALUS ALOPECUROIDES L. Fabaceae.**

From Sweden. Seeds presented by the Bergius Botanic Garden, Stockholm. Received Aug. 21, 1952.

**202543. SOLANUM MURICATUM Ait. Solanaceae.**

**Pepino.**

From Chile. Plants growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered Aug. 25, 1952.

Originally received as cuttings from the Ministerio de Agricultura, Santiago. Jan. 28, 1952.

**202544. VELLOZIA LITHOPHILA Schult. Velloziaceae.**

From Colombia. Seeds collected by Richard Evans Schultes, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 26, 1952.

From San José del Guaviare. December 1951.

**202545 to 202578.**

From Mexico and California. Seeds collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 25, 1952.

Unless otherwise noted, collected in Baja California, Mexico.

**202545. AGAVE sp. Amaryllidaceae.**

No. 11825. Todos Santos. May 4, 1952.

**202546. AGAVE sp.**

No. 11827. Todos Santos. May 4, 1952.

**202547. AGAVE sp.**

No. 11837. Colonia Calles. May 11, 1952.

**202548. AGAVE AUREA Brandeg.**

No. 11888. Three miles north of Comondú. May 11, 1952.

**202549. AGAVE sp.**

No. 11848. Cabo San Lucas.

**202550. AGAVE sp.**

No. 11849. Cabo San Lucas. May 5, 1952.

**202551. AGAVE sp.**

(No field number.) Cabo San Lucas.

**202552 and 202553. AGAVE CERULATA Trel.**

202552. No. 11187. Five miles northwest of Laguano, Seca Chapola.

202553. No. 11946. Eight miles northwest of Bahia Los Angeles.

**202545 to 202578—Continued****202554 and 202555. AGAVE DESERTI Engelm.**

Pinyon Flats, Station Rosa Mount, Calif. Sept. 2, 1951.

202554. No. 11137.

202555. No. 11139.

**202556. AGAVE EXPANSA Jacobi.**

No. 11333. Fallbrook, Calif. Nov. 19, 1951.

**202557. AGAVE FALCATA Engelm.**

No. 11508. San Luis Potosi, Calif.

**202558. AGAVE GOLDMANIANA Trel.**

No. 11154. Six miles north of Socorro. May 20, 1952.

**202559. AGAVE sp.**

No. 11880. Twelve miles southwest of Comondú. May 10, 1952.

**202560. AGAVE GOLDMANIANA Trel.**

No. 11964. Mina Desengano. May 20, 1952.

**202561. AGAVE sp.**

No. 11858. Punta Frailes.

**202562. AGAVE SOBRIA Brandeg.**

No. 11882. Comondú.

**202563. AGAVE VEXANS Trel.**

No. 11880. Twelve miles southwest of Comondú. May 10, 1952.

**202564. AGAVE VICTORIAE-REGINAE Moore.**

No. 11525. Saltillo, Coahuila, Mexico.

**202565. AGAVE sp.**

No. 11136. Pinyon Flats, Station Rosa Mount, Calif.

**202566. AGAVE sp.**

No. 11184. Seven miles south of Socorro. Sept. 20, 1951.

**202567. AGAVE sp.**

No. 11417. Cerro Babuyo, Sinaloa, Mexico.

**202568. AGAVE sp.**

No. 11609. Matape, Sonora, Mexico.

**202569. AGAVE sp.**

No. 11614. Nacori, Sonora, Mexico.

**202570. AGAVE sp.**

No. 11886.

**202571. CRYPTOSTEGIA sp. Asclepiadaceae.**

San Bartolo.

**202572. PAPAVER sp. Papaveraceae.**

No. 11661. Eight miles south of Socorro.

**202573. PRUNUS sp. Amygdalaceae.**

No. 11957. Fifteen miles east of Rosario.

**202574. SALVIA sp. Menthaceae.**

No. 11215. La Laguna, Sierra Laguna, Calif. Oct. 2, 1951

**202575. TAGETES FILIFOLIA Lag. Asteraceae.**

No. 11225. Sierra Laguna.

**202545 to 202578—Continued**

**202576 to 202578.** *YUCCA PENINSULARIS* Eastw. Liliaceae.

Sierra San Miguel. Apr. 11, 1952.

**202576.** No. 11686.

**202577.** No. 11687.

**202578.** (No field number.)

**202579.** *PLEUROTHALLIS GLAZIOVII* Cogn. Orchidaceae.

From Brazil. Rhizome collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 27, 1952.

From Rio Grande do Sul. Aug. 8, 1952.

**202580.** *STERNBERGIA LUTEA* (L.) Ker. Amaryllidaceae.

From Turkey. Bulbs presented by the Director of the State Nurseries, Beykoz, Istanbul. Received Aug. 28, 1952.

**202581 to 202603.**

From Mexico. Collected by H. S. Gentry and William B. Fox, Agriculture Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 28, 1952.

**202581 and 202582.** *AGAVE ANGUSTIARUM* Trel. Amaryllidaceae.

**202581.** No. 5853. Iguala, Guerrero. (Plants.)

**202582.** No. 11984. Canyon Iguala, east of Naranjo, Guerrero. Aug. 14, 1952. (Plants.)

**202583 to 202585.** *AGAVE HORRIDA* Jacobi.

**202583.** No. 12014. Taxco, Guerrero. Aug. 17, 1952. (Plants.)

**202584 and 202585.** Eleven miles northeast of Cuernavaca, Morelos. Aug. 20, 1952. (Plants.)

**202584.** No. 12037.

**202585.** No. 12038.

**202586.** *AGAVE INTREPIDA* Greenm.

No. 12033. Mountains west of Tepoztlán. (Plant.)

**202587.** *AGAVE* sp.

No. 11996. Ixcateopán, Guerrero. (Plants.)

**202588.** *AGAVE* sp.

No. 11999. Three to four miles north of Pachivia, Guerrero. Aug. 15, 1952. (Plants.)

**202589.** *ANTHERICUM* sp. Liliaceae.

No. 5843. Iguala, Guerrero. (Plants.)

**202590.** *DIOSCOREA CONVULVULACEA* Cham. & Schlecht. Dioscoreaceae.

No. 12036. Eleven miles northeast of Cuernavaca. Aug. 20, 1952. (Roots.)

**202591 and 202592.** *DIOSCOREA SUBTOMENTOSA* Miranda.

**202591.** No. 5851. Fifteen to twenty miles west of Iguala along road to Coyuca, Guerrero. Aug. 9, 1952. (Tubers.)

**202592.** No. 12022. Eight miles east of Cuernavaca. (Tubers.)

**202593.** *DIOSCOREA* sp.

No. 11985. Ixcateopán, Guerrero. (Roots.)

**202594.** *DIOSCOREA* sp.

No. 11993. About 3 miles south of Ixcateopán, Guerrero. (Roots.)

**202595.** *DIOSCOREA* sp.

No. 11997. Pachivia, Guerrero. (Roots.)

**202581 to 202603—Continued****202596. DIOSCOREA sp.**

No. 12016. Eight miles east of Cuernavaca, along road to Tepoztlán. Aug. 17, 1952. (Roots.)

**202597. DIOSCOREA sp.**

No. 12020. Eight miles east of Cuernavaca, along road to Tepoztlán. Aug. 18, 1952. (Roots and seeds.)

**202598. MANFREDIA sp. Amaryllidaceae.**

No. 5842. Iguala, Guerrero. (Plants.)

**202599. MANFREDIA sp.**

No. 5857. Iguala, Guerrero. (Plants.)

**202600. MANFREDIA sp.**

No. 5858. Six miles north of Naranjo, along road to Taxco, Guerrero.

**202601. MANFREDIA sp.**

No. 12004. Ixcateopán, Guerrero. (Plant.)

**202602. MANFREDIA sp.**

No. 12024. Two miles west of Tepoztlán, Morelos. Aug. 19, 1952. (Plants.)

**202603. OXALIS sp. Oxalidaceae.**

No. 12034. Mountain west of Tepoztlán, Morelos. Aug. 19, 1952. (Bulbs.)

**202604 to 202626. PRUNUS spp. Amygdalaceae.**

From New Zealand. Scions presented by the Fruit Research Station Auckland. Received Aug. 29, 1952.

**202604 to 202611. PRUNUS PERSICA (L.) Batsch.****Peach.**

202604. *Briggs Red May*.

202608. *Mary's Choice*.

202605. *Golden Queen*.

202609. *Stark*.

202606. *Hobb's Late*.

202610. *Ulatis*.

202607. *Le Vainqueur*.

202611. *Wiggins*.

**202612 and 202613. PRUNUS ARMENIACA L.****Apricot.**

202612. *Dundonald*.

202613. *Trevatt*.

**202614 to 202619. PRUNUS AVIUM L.****Sweet cherry.**

202614. *Bigarreau Pelisser*.

202617. *St. Margaret*.

202615. *Bigarreau Twyford*.

202618. *Werder's Early Black*.

202616. *Early Cluster*.

202619. *Williams Favorite*.

**202620 to 202626. PRUNUS DOMESTICA L.****Common plum.**

202620. *Billington's Early*.

202624. *Purple King*.

202621. *Black Doris*.

202625. *Sultan*.

202622. *Doris*.

202626. *Wilson's Early*.

202623. *Duff's Early Jewel*.

**202627 and 202628.**

From Brazil. Collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 29, 1952.

**202627. OXALIS sp. Oxalidaceae.**

No. 1963. Rio Grande do Sul. Aug. 15, 1952. Tubers.

**202628. PHARUS sp. Poaceae.**

No. 2176. Paraná. Aug. 21, 1952.



**202629 to 202648.**

From India. Presented by the Horticulturist, Government Fruit Research Station, Saharanpur. Received Sept. 2, 1952.

**202629 to 202634. LITCHI CHINENSIS** Sonn. Sapindaceae. **Lychee.**

(Plants.)

**202629.** *Calcutta.*

**202632.** *Rose Scented.*

**202630.** *Early Large Red.*

**202633.** *Early Seedless.*

**202631.** *Late Large Red.*

**202634.** *Late Seedless.*

**202635 to 202648. MANGIFERA INDICA** L. Anacardiaceae. **Mango.**

(Budsticks.)

**202635.** *Alfonso.*

**202642.** *Fajari Kalan.*

**202636.** *Asojia Deobana.*

**202643.** *Langra.*

**202637.** *Bombay Green.*

**202644.** *Pasand.*

**202638.** *Bombay Yellow.*

**202645.** *Rataue.*

**202639.** *Chausa.*

**202646.** *Safeda Lucknow.*

**202640.** *Dasehai.*

**202647.** *Samarbihisht Alibag.*

**202641.** *Fajri Jafrani.*

**202648.** *Taimuria.*

**202649 to 202653. PHORMIUM TENAX** Forst. Liliaceae.

**New Zealand flax.**

From New Zealand. Plants presented by K. L. Anderson, Massey Agricultural College, Palmerston North. Received Sept. 2, 1952.

**202649.** *Ngaro.*

**202652.** *SS Seedling.*

**202650.** *Paretaniwha.*

**202653.** *273.*

**202651.** *SS.*

**202654 to 202658.**

From Angola. Collected by William G. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 3, 1952.

**202654 and 202655. COFFEA RACEMOSA** Lour. Rubiaceae. **Coffee.**

Seedling from an experiment station near Gabela.

**202654.** *3-986.*

**202655.** *3-988.*

**202656.** *COFFEA* sp.

387 F-2. Gabela Experiment Station. (Seeds.)

**202657.** (Undetermined.)

Plantation of the Companhia Angolana de Agricultura, Boa Entrada. (Budsticks and seeds.)

**202658. ERYTHRINA** sp. Fabaceae.

Luanda, Angola. (Seeds.)

**202659 to 202663. IPOMOEA BATATAS** (L.) Lam. Convolvulaceae.

**Sweetpotato.**

From New Zealand. Tubers presented by the Department of Agriculture, Auckland. Received Sept. 3, 1952.

**202659.** *Meyers Early.*

**202662.** *New Zealand Red No. 2.*

**202660.** *New Zealand Pink.*

**202663.** *New Zealand Red No. 3.*

**202661.** *New Zealand No. 1.*

**202664. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

From India. Seeds presented by the Economic Botanist (Oilseeds) to the Uttar Pradesh Government, Kanpur. Received Sept. 4, 1952.

**202665 to 202671. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

From India. Seeds presented by L. G. Kulkarni, Oilseed Specialist, Main Agriculture Farm, Himavethsagar, Hyderabad. Received Sept. 4, 1952.

202665. *HC 1.*202669. *HC 5.*202666. *HC 2.*202670. *HC 6.*202667. *HC 3.*202671. *HC 7.*202668. *HC 4.***202672. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Finland. Seeds presented by the Central Experiment Station, Division of Plant Breeding, Jokioinen, Suomi. Received Sept. 4, 1952.

**202673 to 202680.**

From Jordan. Seeds presented by Trevor Trought, Director of Scientific Research, Amman. Received Sept. 4, 1952.

202673. *AVENA FATUA L. Poaceae.***Wild oats.**

No. 1

202674. *BROMUS ALOPECURUS Poir. Poaceae.*

No. 3.

202675. *BROMUS sp.*

No. 7.

202676. *LOLIUM RIGIDUM Gaud. Poaceae.*

No. 6

202677. *PHALARIS MINOR Retz. Poaceae.*

No. 2.

202678. *PHALARIS BRACHYSTACHYS Link.*

No. 4.

202679. *PLANTAGO sp. Plantaginaceae.*

No. 8.

202680. *SORGHUM sp. Poaceae.*

No. 5.

**202681. CUCUMIS sp. Cucurbitaceae.**

From the Union of South Africa. Seeds presented by L. M. Josephson, College of Agriculture, Potchefstroom, Transvaal. Received Sept. 5, 1952.

**202682 and 202683.**

From Brazil. Plants collected by C. M. Biezanko, Pelotas, Rio Grande do Sul. Received Sept. 8, 1952.

202682. *BILLBERGIA NUTANS Wendl. Bromeliaceae.*202683. *BILLBERGIA DISTICHA (Vell.) Mez.*

No. 2843.

**202684 and 202685.**

From Georgia. Plants growing at the Regional Plant Introduction Station, Experiment. Numbered Sept. 8, 1952.

Originally collected in Turkey by J. R. Harlan, in 1948.

202684. *PHALARIS PARADOXA L. Poaceae.*

No. 3079. Near Can, east of Canakkale.

**202684 and 202685—Continued****202685. VICIA SATIVA L.** Fabaceae.**Common vetch.**

No. 2314. Esculopion, Bergama.

**202686 to 202718.**

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 8, 1952.

Collected in 1952.

**202686. ADESMIA TRIJUGA Gill.** Fabaceae.

No. 188. Hills east of Esquel, Chubut, Argentina. Mar. 7.

**202687. ALSTROEMERIA LIGTU Falck.** Amaryllidaceae.

No. 230. Futalaufquén, Chubut, Argentina. Mar. 8. Perennial. Large yellow flowers.

**202688. ANDROPOGON SACCHAROIDES var. ERIANTHOIDES Hack.** Poaceae.

No. 1211. Near Pando, Uruguay. June 8.

**202689. ANDROPOGON SACCHAROIDES Swartz.**

No. 1279. San José, Uruguay. June 18.

**202690. BAUHINIA sp.** Caesalpiniaceae.

No. 1140. Rio Grande do Sul, Brazil. June 13.

**202691. BOUTELOUA sp.** Poaceae.

No. 709. San Luis, Argentina. Apr. 25.

**202692. BRIZA sp.** Poaceae.

No. 782. Banks of Rio de La Laja, Ñuble, Chile. May 2. Tufted perennial.

**202693. BROMUS CATHARTICUS Vahl.** Poaceae.**Fescue grass.**

No. 1253. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202694. BROMUS sp.**

No. 808. Puerto Actay, Osorno, Chile. May 5.

**202695. BROMUS sp.**

No. 857. Centinella Agriculture Experiment Station, Osorno, Chile. May 6.

**202696. BROMUS sp.**

No. 877. Centinella Agriculture Experiment Station, Osorno, Chile. May Perennial.

**202697. DACTYLIS GLOMERATA L.** Poaceae.**Orchard grass.**

No. 1252. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202698. DESMODIUM sp.** Fabaceae.

No. 1176. Twenty miles west of Rivera, Uruguay. June 14. Perennial.

**202699. GOSSYPIUM.** Malvaceae.**Cotton.**

No. 1083. Near Rivera, Uruguay. June 11.

**202700. LOTUS CORNICULATUS L.** Fabaceae.**Birdsfoot trefoil.**

No. 1250. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202701. MELILOTUS ALBA Desr.** Fabaceae.**White sweetclover.**

No. 1256. Near Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202686 to 202718—Continued****202702.** *MONNINA* sp. Polygalaceae.

No. 1112. Near Rivera, Uruguay. June 11. Perennial.

**202703.** *MONNINA* sp.

No. 1164. Near Santa Ana, Rio Grande do Sul, Brazil. June 13.

**202704.** *OPUNTIA* sp. Cactaceae.

No. 1154. Near Santa Ana, Rio Grande do Sul, Brazil. June 13.

**202705.** *PAPPOPHORUM SUBBULBOSUM* Arech. Poaceae.

No. 718. San Luis, Argentina. Apr. 26, 1952.

**202706.** *PASPALUM NOTATUM* Fluegge. Poaceae.**Bahia grass.**

No. 1127. Near Rivera, Uruguay. June 12.

**202707.** *PASPALUM* sp.

No. 1034. Near Escuela Agraria, Artigas, Uruguay. June 10.

**202708.** *POA* sp. Poaceae.

No. 585. Between Mendoza and Upsallata, Mendoza, Argentina. Apr. 22. Tufted perennial.

**202709.** *POLYPOGON ELONGATUS* H. B. K. Poaceae.

No. 426. Lago Kruger, Chubut, Argentina. Mar. 31.

**202710 and 202711.** *RICINUS COMMUNIS* L. Euphorbiaceae.**Castorbean.****202710.** No. 997. Montevideo, Uruguay. May 7.**202711.** No. 1156. Santa Ana, Rio Grande do Sul, Brazil. June 13.**202712.** *SOLANUM* sp. Solanaceae.

No. 1000. Montevideo, Uruguay. June 12.

**202713.** *SOLANUM* sp.

No. 1134. Near Rivera, Uruguay. June 12. Perennial.

**202714.** *SOLANUM* sp.

No. 1179. Twenty miles west of Rivera, Uruguay. June 14.

**202715.** *SORGUM VULGARE* Pers. Poaceae.

No. 1247. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202716.** *TRIFOLIUM PRATENSE* L. Fabaceae.**Red clover.**

No. 1249. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202717.** *TRIFOLIUM REPENS* L.**White clover.**

No. 1251. La Estanzuela Agriculture Experiment Station, Colonia, Uruguay. June 18.

**202718.** *VICIA NIGRICANS* Hook. & Arn. Fabaceae.

No. 224. Futalaufquén, Chubut, Argentina. Mar. 8.

**202719.** *RICINUS COMMUNIS* L. Euphorbiaceae.**Castorbean.**

From India. Seeds presented by the Deputy Director of Agriculture, Bombay State College of Agriculture, Poona. Received Sept. 9, 1952.

*S-20,***202720 to 202726.** *SESAMUM INDICUM* L. Pedaliaceae.**Sesame.**

From Burma. Seeds presented by E. V. Staker, STEM, American Embassy, Rangoon. Received Sept. 10, 1952.

**202720.** *Boke-Taung.***202724** *Pa-Day-Tha.***202721.** *Byat-Ka-Lay.***202725.** *Poke-Pyi.***202722.** *Judean Hill* × *Hnan-Ni.***202726.** *Ye-Gyaw.***202723.** *Law-Ka-Dat.*

**202727 and 202728.**

From Belgium. Seeds presented by the Botanic Garden, Brussels. Received Sept. 10, 1952.

202727. *AGROPYRON ACUTUM* Roem. & Schult. Poaceae.

202728. *CARTHAMUS LANATUS* L. Asteraceae.

**202729 to 202739. MEDICAGO spp. Fabaceae.**

From Portugal. Seeds presented by J. J. Paiva Caldeira, Estação de Melhoria de Plantas, Elvas. Received Sept. 10, 1952.

Originally from sources indicated.

202729. *MEDICAGO*.

E 177. *Medica B.* Stazione Agraria Sperimentale, Bari, Italy.

202730 to 202732. *MEDICAGO SATIVA* L.

**Alfalfa.**

202730. E 355. Guina Agricultural Station, Union of South Africa.

202731. E 542. *Luzerna de Zaragoza.* Zaragoza, Spain.

202732. No. 8285. Lisbon, Portugal.

202733. *MEDICAGO*.

No. 8295. *M. sativa*  $\times$  *falcata*. Lisbon, Portugal.

202734. *MEDICAGO SATIVA* L.

**Alfalfa.**

No. 8447. *Luzerna do Chile.* Estação Agraria Central, Portugal.

202735. *MEDICAGO*.

No. 8448. *M. sativa*  $\times$  *falcata*. Estação Agraria Central, Portugal.

202736 to 202738. *MEDICAGO SATIVA* L.

**Alfalfa.**

202736. No. 8451. Estação Agraria Central, Portugal.

202737. No. 8581. *Erba Medica o Spagina.* F. Ingegnoli, Milan, Italy.

202738. No. 8501. *Luzerna de Provence.* Vilmorin-Andrieux, Paris, France.

202739. *MEDICAGO*.

No. 8578. F. Ingegnoli, Milan, Italy.

**202740. FRAGARIA VIRIDIS Duchesne. Rosaceae.**

From France. Seeds presented by Vilmorin-Andrieux, Paris. Received Sept. 10, 1952.

**202741. LABURNUM ANAGYROIDES Medic. Fabaceae. Goldenchain.**

From Austria. Seeds presented by H. C. Lint, Agricultural Attaché, Vienna. Received Sept. 10, 1952.

**202742 to 202749.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Sept. 11, 1952.

202742. *HAEMANTHUS KATHERINAE* Baker. Amaryllidaceae.

202743. *RHODODENDRON AUGUSTINII* Hemsl. Ericaceae.

202744. *RHODODENDRON AURITUM* Tagg.

202745. *RHODODENDRON BRACHYANTHUM* Franch.

202746. *RHODODENDRON CAMPYLOCARPUM* Hook. f.

202747. *RHODODENDRON CAUCASICUM* Pall.

202748. *RHODODENDRON GRIERSONIANUM* Balf. & Forr.

202749. *RHODODENDRON SERPYLLIFOLIUM* (A. Gray) Miguel.

*Alba.*

**202750 to 202800. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Peru. Seeds collected by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C.  
Received Sept. 11, 1952.

From the experiment station at Concepción, near Hauncayo.

202750.  $G \times K$  877-3 (X) ( $G \times K$ : *Galgalos*  $\times$  *Kenya*).

202751.  $G \times$  *Kenya Crossbred* 6040-480-3-A.

202752.  $G \times K$  1159-3.

202753. *Na* 101  $\times$  (*Kenya Crossbred* 6040  $\times$  *Galgalos* 40).

202754.  $G \times K$  804-2.

202755.  $G \times K$  866-1.

202756.  $G \times$  *C. A. J.* 736-2.

202757.  $G \times K$  1130-2.

202758.  $G \times K$  851-3.

202759.  $G \times K$  8. 1111-12.

202760.  $G \times K$  808-2.

202761.  $G \times K$  6040-837-2.

202762.  $G \times K$  925-3.

202763.  $G \times K$  811-2.

202764. *Tat Chex Mentana* 115-2.

202765.  $G \times K$  919-3.

202766.  $G \times$  *C. A. J.* 1424-2 (Comisión Agronómica de Junín).

202767.  $G \times K$  6040-837-3.

202768.  $G \times K$  811-1.

202769.  $G \times K$  951-3.

202770.  $G \times$  *C. A. J.* 1218-2.

202771.  $G \times K$  736-2.

202772.  $G \times K$  1083-2.

202773.  $G \times K$  1075-1.

202774.  $G \times K$  943-2.

202775.  $G \times K$  819-2.

202776.  $G \times K$  1035-2.

202777.  $G \times K$  943-1.

202778.  $G \times K$  897-1.

202779.  $G \times K$  883-3.

202780.  $G \times K$  1017-1.

202781.  $G \times K$  1180-2.

202782.  $G \times K$  1017-2.

202783.  $G \times K$  806-2.

202784.  $G \times K$  197-1.

202785.  $G \times$  *C. A. J.* 1447-1.

202786.  $G \times$  *C. A. J.* 1324.

202787. *Mentana*  $\times$  *Gracia Caucasia* 405-1.

202788. *Mentana*  $\times$  *Gracia Caucasia* 405-2.

202789. *Chumpe Barba Negra*.

202790. *Frontana*.

202791. *Florence*  $\times$  *Aurora*.

**202750 to 202800—Continued**202792. *Na 101*.202793. *Mentana* × *Gracia Caucasica* 400-1.202794. *B. S. B*; Blanco Sin Barba (Selection Masal).202795. *C.A.J.* (Comisión Agronómica de Junin).202796. *Chumpe Barba Blanca*.202797. *O. C. B*; *Oscuro Con Barba* (Selection Masal).202798. *Mentana Concepción*.202799. *G* × *KC 6040-837-3A*.202800. *Mentana* × *KC 60-4809-3A*.**202801. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.**

From Syria. Seeds presented by Abul Khayr al-Kouzbari, Damascus. Received Sept. 11, 1952.

A spineless variety of excellent quality.

**202802. VIGNA SINENSIS (Torner) Savi. Fabaceae. Cowpea.**

From Peru. Seeds collected by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 11, 1952.

From Rev. A. F. Reifsnnyder, Ahuaytia River Mission, Huánuco District. Aug. 15, 1952.

**202803. LATHYRUS CICERA L. Fabaceae.**

From Iran. Seeds collected by H. V. Geib, Agricultural Attaché, American Embassy, Tehran. Received Sept. 11, 1952.

**202804 to 202808.**

From Cyprus. Seeds presented by the Agricultural Officer, Department of Agriculture, Nicosia. Received Sept. 11, 1952.

202804. *TRIFOLIUM CLYPEATUM* L. Fabaceae.

C-52-42.

202805. *LOTUS* sp. Fabaceae.

C-52-45.

202806. *TRIFOLIUM* sp. Fabaceae.

C-52-29.

202807. *TRIFOLIUM* sp.

C-52-40.

202808. *TRIFOLIUM* sp.

C-52-94.

**202809. MEDICAGO HISPIDA Gaertn. Fabaceae. Burclover.**

From Peru. Seeds collected by A. F. Swanson, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 11, 1952.

From the experiment station at Concepción, near Hauncayo.

**202810 to 202813.**

From the Union of South Africa. Seeds presented by J. L. Parkhouse, Wonderhoogte Farm, Utrecht, Natal. Received Sept. 11, 1952.

202810. *ANDROPOGON* sp. Poaceae.202811. *ANDROPOGON* sp.202812. *DOLICHOS LABLAB* L. Fabaceae.**Hyacinth-bean.**202813. *MENTHA* sp. Menthaceae.

**202814 to 202817. TRIFOLIUM spp. Fabaceae.**

From Switzerland. Seeds presented by the Swiss Federal Experiment Station, Lausanne, Mont-Calmé. Received Sept. 11, 1952.

202814. *TRIFOLIUM ALPINUM* L.

202815. *TRIFOLIUM BADIUM* Schreb.

202816. *TRIFOLIUM THALII* Vill.

202817. *TRIFOLIUM MONTANUM* L.

**202818 and 202819. DIOSCOREA spp. Dioscoreaceae.**

From the Union of South Africa. Presented by Scherag Ltd., Johannesburg, Transvaal. Received Sept. 12, 1952.

202818. *DIOSCOREA* sp.

No. 16. (Plants and crowns.)

202819. *DIOSCOREA* sp.

No. 17 X 3. (Crowns.)

**202820. FESTUCA ARUNDINACEA Schreb. Poaceae. Tall fescue.**

From New Zealand. Seeds presented by the Massey Agriculture College, Palmerston North. Received Sept. 12, 1952.

**202821 to 202829.**

From Iran and Saudi Arabia. Seeds collected by H. V. Geib, Agricultural Attaché, American Embassy, Iran. Received Sept. 15, 1952.

Unless otherwise mentioned, collections were made in Iran.

202821. *HORDEUM* sp. Poaceae.

**Barley.**

Isfahan.

202822. *LATHYRUS* sp. Fabaceae.

Persepolis.

202823. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

**Tomato.**

Tehran. September 1951.

202824. *MEDICAGO SATIVA* L. Fabaceae.

**Alfalfa.**

Al Kharj, Saudi Arabia.

202825 and 202826. *SECALE CEREALE* L. Poaceae.

**Rye.**

202825. Sofohan.

202826. Isfahan.

202827 to 202829. *TRITICUM AESTIVUM* L. Poaceae.

**Common wheat.**

202827. Field near Isfahan.

202828. Near Sofohan.

202829. Isfahan.

**202830 to 202836.**

From Mexico. Seeds collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 15, 1952.

From market, Iguala, Guerrero.

202830. *PHASEOLUS LUNATUS* L. Fabaceae.

**Lima bean.**

No. 12010.

202831 to 202835. *PHASEOLUS VULGARIS* L.

**Common bean.**

202831. No. 12007.

202834. No. 12011.

202832. No. 12008.

202835. No. 12012.

202833. No. 12009.



**202830 to 202836—Continued**202836. *PHYSALIS* sp. Solanaceae.

No. 5833.

**202837 to 202862. *MEDICAGO* spp. Fabaceae.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Sept. 15, 1952.

202837. *MEDICAGO FALCATA* L.

Yellow-flowered alfalfa.

I. C. 158.

202838 to 202840. *MEDICAGO HISPIDA* Gaertn.

Burclover.

202838. E. C. 1891.

202839. E. C. 1894.

202840. E. C. 2324.

202841. *MEDICAGO HISPIDA* var. *CONFINIS* (Koch) Burnat.

E. C. 1892.

202842. *MEDICAGO HISPIDA* var. *DENTICULATA* (Willd.) Urban.

I. W. 8.

202843. *MEDICAGO INTERTEXTA* (L.) Mill.

E. C. 2331.

202844. *MEDICAGO LITTORALIS* Rhode.

E. C. 2326.

202845. *MEDICAGO LUPULINA* L.

Black medic.

E. C. 2329.

202846. *MEDICAGO MINIMA* (L.) Grufberg.

E. C. 2327.

202847. *MEDICAGO MUREX* Willd.

E. C. 1993.

202848 to 202850. *MEDICAGO OBSCURA* var. *HELIX* (Willd.) Urban.

202848. E. C. 1895.

202849. E. C. 2318.

202850. E. C. 2319.

202851. *MEDICAGO RUGOSA* Desf.

E. C. 2319 A.

202852 and 202853. *MEDICAGO SATIVA* L.

Alfalfa.

202852. I. C. 75.

202853. (No data.)

202854. *MEDICAGO SCUTELLATA* (L.) Mill.

Snail medic.

E. C. 2330.

202855 to 202858. *MEDICAGO TRIBULOIDES* Desf.

202855. E. C. 1899.

202857. E. C. 1898.

202856. E. C. 5 A.

202858. E. C. 2322.

202859 and 202860. *MEDICAGO TURBINATA* (L.) All.

202859. E. C. 1900.

202860. E. C. 2333.

202861 and 202862. *MEDICAGO TURBINATA* var. *OLIVAEFORMIS* (Guss.) Aschers. & Graebn.

202861. E. C. 1901.

202862. E. C. 2332.

- 202863. SABAL MINOR (Jacq.) Pers. Phoenicaceae. Palm.**  
 Plant growing at the United States Plant Introduction Garden, Coconut Grove, Florida. Numbered Sept. 15, 1952.  
 Origin unknown.
- 202864 and 202865. ORYZA SATIVA L. Poaceae. Rice.**  
 From Costa Rica. Seeds presented by Alvard Gonzalez A., San José. Received Sept. 15, 1952.  
 202864. *Berlin*.  
 202865. *Palmira No. 8*.
- 202866 to 202869.**  
 From Finland. Seeds presented by the Agricultural Research Institute, Jokioinen. Received Sept. 15, 1952.  
 202866. *LINUM USITATISSIMUM L. Linaceae. Flax.*  
*Luomal Maatiais Yellava*.  
 202867 to 202869. *SECALE CEREALE L. Poaceae. Rye.*  
 202867. From Enri.  
 202868. From Foiro.  
 202869. From Tekka.
- 202870 to 202873. HORDEUM VULGARE L. Poaceae. Common barley.**  
 From Germany. Seeds presented by Felix von Bethmann Hollweg, Altenhof, Eckernförde-Land. Received Sept. 15, 1952.  
 202870. *Hohenfinower 4-Zeilige Sommergerste*.  
 202871. *Norooste Hanna (Northeast)*.  
 202872. *Proskowetz Kwassitzer Hanna*.  
 202873. *V. Tschermak's Hanna × Kargve*.
- 202874 to 202942. HORDEUM VULGARE L. Poaceae. Common barley.**  
 From Sweden. Seeds presented by the Sveriges Utsadesforening, Svalöf. Received Sept. 15, 1952.
- |  |   |
|--|---|
| 202874. No. 900 <i>Samada</i> .              | 202891. No. 946 <i>Tibet</i> .            |
| 202875. No. 901 <i>Samada</i> .              | 202892. No. 950 <i>Tibet nr 15/a</i> .    |
| 202876. No. 902 <i>Samada</i> .              | 202893. No. 951 <i>Hochgebirgslagen</i> . |
| 202877. No. 905 <i>Samada</i> .              | <i>Tibet</i> .                            |
| 202878. No. 907 <i>Samada</i> .              | 202894. No. 954 <i>Kochhutte</i> .        |
| 202879. No. 193 <i>Saking</i> .              | 202895. No. 957 <i>Tibet. Kapuze</i> .    |
| 202880. No. 919 <i>Nangkartse</i> .          | 202896. No. 959 <i>Tibet. Gemisch</i> .   |
| 202881. No. 921 <i>Nangkartse</i> .          | 202897. No. 961 <i>Lhasa 28</i> .         |
| 202882. No. 923 <i>Nangkartse</i> .          | 202898. No. 962 <i>Lhasa 43 c</i> .       |
| 202883. No. 924 <i>Tuna</i> .                | 202899. No. 969 <i>Tibet</i> .            |
| 202884. No. 925 <i>Lachung 7/b/nr 16</i> .   | 202900. No. 971 <i>Lhasa</i> .            |
| 202885. No. 926 <i>Aus Lachung 7 nr 16</i> . | 202901. No. 973 <i>Lhasa</i> .            |
| 202886. No. 927 <i>Aus Lachung 7 nr 16</i> . | 202902. No. 975 <i>Lhasa 643 Type b</i> . |
| 202887. No. 935 <i>Tibet nr 16</i> .         | 202903. No. 983 <i>Khampadzong</i> .      |
| 202888. No. 937 <i>Tibet nr 17</i> .         | 202904. No. 986 <i>Lhasa 60</i> .         |
| 202889. No. 938 <i>Tibet nr 17</i> .         | 202905. No. 989 <i>Lhasa</i> .            |
| 202890. No. 941 <i>Hochgebirgslagen</i> .    | 202906. No. 990 <i>Tibet</i> .            |
| <i>Tibet</i> .                               | 202907. No. 991 <i>Lhasa</i> .            |
|  | 202908. No. 994 <i>Lhasa</i> .            |

## 202874 to 202942—Continued

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|---------------------------------------|---|
| 202909. No. 998 Lhasa.                | 202927. No. 1082 Tibet.                   |
| 202910. No. 1001 Lhasa.               | 202928. No. 1083 Tibet.                   |
| 202911. No. 1003 Tibet.               | 202929. No. 1084 Tibet.                   |
| 202912. No. 1005 Tibet.               | 202930. No. 1097 Tibet.                   |
| 202913. No. 1016 Shigatse 4.          | 202931. No. 1098 Tibet.                   |
| 202914. No. 1022 Shigatse.            | 202932. No. 1107 Che.                     |
| 202915. No. 1029 Shigatse.            | 202933. No. 1116 Shigatse 81 nr 11.       |
| 202916. No. 1032 Shigatse.            | 202934. No. 1125 Kochhutte.               |
| 202917. No. 1033 Shigatse.            | 202935. No. 1126 Kalimpong.               |
| 202918. No. 1034 Che 32.              | 202936. No. 1138 Tibet nr 19/a.           |
| 202919. No. 1035 Shigatse.            | 202937. No. 1139 Lhasa 29 a.              |
| 202920. No. 1037 Shigatse.            | 202938. No. 1150 Zweizeilige<br>Kapuzte.  |
| 202921. No. 1041 Shigatse.            | 202939. No. 1162 Nackt-Gerste.            |
| 202922. No. 1043 Shigatse.            | 202940. No. 1167 Nackt-Gerste.            |
| 202923. No. 1046 Shigatse.            | 202941. No. 1169 Nackt-Gerste.            |
| 202924. No. 1047 Shigatse.            | 202942. No. 1175 Nackt-Gerste<br>Kapuzte. |
| 202925. No. 1051 Tibet; Mixture VIII. |   |
| 202926. No. 1056 Shigatse.            |   |

## 202943 to 203012. ORYZA SATIVA L.

Poaceae.

Rice.

From Japan. Seeds presented by the Chiugoku-Shikoku Experiment Station, Kagawa, Shikoku. Received Sept. 15, 1952.

- |                                     |   |
|-------------------------------------|---|
| 202943. Aichi Asahi (Kyoku) L. 7.   | 202966. Kamegi M. 19.                       |
| 202944. Asahi L. 19.                | 202967. Kikusui L. 22.                      |
| 202945. Asahi (Kyoku) No. 7 L. 16.  | 202968. Kinai No. 37 M. 25.                 |
| 202946. Asahi (Kyoku) No. 77 L. 16. | 202969. Kinki No. 24 L. 12.                 |
| 202947. Asahi (Kyoku) Mochi L. 43.  | 202970. Kinki No. 24 L. 22.                 |
| 202948. Asahi (Kyoku) You M. 19.    | 202971. Kinki No. 25 L. 23.                 |
| 202949. Benkei M. 16.               | 202972. Kinsaku Mochi L. 48.                |
| 202950. Chuki L. 6.                 | 202973. Kituskin L. 8.                      |
| 202951. Chukyo Asahi (Kyoku) L. 21. | 202974. Kotengu No. 8 L. 13.                |
| 202952. Chusei Asahi No. 1.         | 202975. Kotobuki Mochi M. 3.                |
| 202953. Dokai Sinriki L. 28.        | 202976. Kudai Asahi (Kyoku) No. 3<br>L. 10. |
| 202954. Ehime Suito No. 1 L. 5      | 202977. Kuroshio E. 2.                      |
| 202955. Genhozu E. 14.              | 202978. Kushir No. 58 L. 7.                 |
| 202956. Genhozu Miidashi.           | 202979. Kyoto Asahi (Kyoku) L. 18.          |
| 202957. Haginomaemochi L. 45.       | 202980. Matuyama Omachi M. 18.              |
| 202958. Hatushimo L. 1.             | 202981. Mii L. 24.                          |
| 202959. Heitaibo L. 40.             | 202982. Murasaki Ine S. 3.                  |
| 202960. Hikari L. 2.                | 202983. Nakuraho L. 33.                     |
| 202961. Iyo Sautoku L. 10.          | 202984. Norin No. 2 L. 19.                  |
| 202962. Iyo Sengoku L. 39.          | 202985. Norin No. 6 M. 5.                   |
| 202963. Josa No. 1 L. 38.           | 202986. Norin No. 8 M. 10.                  |
| 202964. Joyo Minori L. 26.          | 202987. Norin No. 12 L. 29.                 |
| 202965. Kagawa Sinriki No. 2 L. 11. |   |

**202943 to 203012—Continued**202988. *Norin* No. 13 *M.* 5.202989. *Norin* No. 18 *L.* 31.202990. *Norin* No. 22 *M.* 2.202991. *Norin* No. 25 *E.* 13.202992. *Norin* No. 26 *L.* 4.202993. *Norin* No. 27 *L.* 32.202994. *Norin* No. 31 *M.* 6.202995. *Norin* No. 32 *E.* 11.202996. *Norin* No. 37 *M.* 23.202997. *Norin* No. 40 *L.* 14.202998. *Norin Mochi* No. 5 *L.* 44.202999. *Okayama Mochi* *L.* 24.203000. *Sakae* *L.* 30.203001. *Sanuki Sinriki* *L.* 39.203002. *Senhon Asahi* *M.* 25.203003. *Shimotuki* *L.* 36.203004. *Shinju* No. 1 *M.* 26.203005. *Shinriki* *L.* 29.203006. *Shinrikimochi* *L.* 47.203007. *Shiromochi* *M.* 4.203008. *Sousei Asahi* *E.* 12.203009. *Takao Mochi*.203010. *Takara* *L.* 27.203011. *Takushima Banto* No. 1 *L.* 36.203012. *Turngi* *L.* 12.**203013. QUERCUS sp. Fagaceae.****Oak.**

From Mexico. Seeds collected by H. S. Gentry, Agriculture Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 16, 1952.

No. 12104. South of Miahuatlán, Oaxaca. Sept. 2, 1952.

**203014 to 203016.**

From Turkey. Collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 17, 1952.

203014. *ALLIUM* sp. Liliaceae.

No. 75. Southeast of Ankara along Route 60. Aug. 28, 1952. (Bulb.)

203015. *ROSA* sp. Rosaceae.

No. 145. Yozgat, Turkey. Aug. 29, 1952. Large bushes. (Seeds.)

203016. *CYPERUS* sp. Cyperaceae.

(No note.) (Seeds.)

**203017. LOTONONIS CYTISOIDES Benth. Fabaceae.**

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Newlands, Cape Province. Received Sept. 18, 1952.

**203018 and 203019. RUBUS spp. Rosaceae.****Raspberry.**

From the Belgian Congo. Seeds collected by W. H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 17, 1952.

Roadside near Costermansville.

203018. *RUBUS PINNATUS* Willd.203019. *RUBUS RIGIDUS* DC.**203020 to 203042. SACCHARUM. Poaceae.****Sugarcane.**

From Mauritius. Cuttings presented by the Department of Agriculture, Réduit. Received Sept. 18, 1952.

203020. *Big Tanna LeFelix*.203024. *Fotiogo*.203021. *Big Tanna Mon Desert*.203025. *Iscambine*.203022. *Black Tanna*.203026. *Iscambine* (striped).203023. *Bois Range*.203027. *Marponperlee*.

**203020 to 203042—Continued**

203028. <i>Mignonne</i> .	203036. <i>White Tanna</i> .
203029. <i>Penang</i> .	203037. <i>D/109</i> (white).
203030. <i>Port Mackay Black</i> .	203038. <i>M 63/39</i> .
203031. <i>Senneville</i> .	203039. <i>M 76/39</i> .
203032. <i>Striped Tanna</i> .	203040. <i>M 99/34</i> .
203033. <i>Sylva</i> .	203041. <i>M 165/38</i> .
203034. <i>Tamarin</i> .	203042. <i>R. F. 1</i> .
203035. <i>Tombiapa</i> .	

**203043. LUPINUS LUTEUS L. Fabaceae. European yellow lupine.**

From the Netherlands. Seeds presented by the Selectiegedrif Luidenburg, Groningen. Received Sept. 19, 1952.

*Neven*.

**203044. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.**

From New Zealand. Tubers presented by the Department of Scientific and Industrial Research, Lincoln. Received Sept. 22, 1952.

*Kumara*. Said to have been grown in Gisborne; of unknown origin. Not known to produce seeds in New Zealand.

**203045 to 203050.**

From Denmark. Presented by the Botanical Garden, Copenhagen. Received Sept. 22, 1952.

**203045. LYSICHTITUM AMERICANUM Hultén & St. John. Araceae.**

(Seeds.)

**203046 to 203050. OXALIS spp. Oxalidaceae.**

(Tubers.)

203046. *OXALIS BOWIEANA* Lodd.

203047. *OXALIS CERNUA* Thunb.

203048. *OXALIS INCARNATA* L.

203049. *OXALIS STIPULATA* Rose.

203050. *OXALIS VIOLACEA* L.

**203051 to 203055. LUPINUS spp. Fabaceae.**

From Mexico. Seeds presented by John Petner, Mexico City. Received Sept. 22, 1952. Collected by J. L. Puertas.

**203051. LUPINUS sp.**

RF-384. Silao, Guanajuato; altitude 5,400 feet.

**203052. LUPINUS sp.**

RF-633. *Alapachocho*. Originally from Ecuador.

**203053. LUPINUS sp.**

RF-638. *Moco de Guajolote*. Mexico and Michoacán States; altitude 6,600 feet.

**203054. LUPINUS sp.**

RF-715. Mexico and Michoacán States; altitude 6,600 feet.

**203055. LUPINUS sp.**

RF-835. *Altramuiiz*. Along road, Mexico City to Icacá; altitude 8,400 feet.

**203056. VERATRUM VIRIDE Ait. Melanthiaceae.**

From New York. Seeds presented by the University of the State of New York, Albany. Received Sept. 24, 1952.

**203057. SACCHARUM. Poaceae.****Sugarcane.**

From Australia. Cuttings presented by the Department of Agriculture, Sydney, New South Wales. Received Sept. 25, 1952.

*Oramboo.*

**203058. ILEX OPACA Ait. Aquifoliaceae.****American holly.**

From North Carolina. Cuttings presented by F. J. Le Clair, University of North Carolina, Chapel Hill. Numbered Sept. 25, 1952.

*Perle Le Clair.* Berries large, orange-red; leaves broadly ovate, sometimes spineless.

**203059 to 203069.**

From Finland. Seeds presented by the Agricultural Research Institute, Jokioinen. Received Sept. 25, 1952.

**203059 and 203060. HORDEUM VULGARE L. Poaceae.****Common barley.**

203059. Oygo, Jokioinen.

203060. Tammi, Tammisto.

**203061 to 203063. AVENA SATIVA L. Poaceae.****Common oats.**

203061. Eho, Tammisto.

203062. Sisu, Tammisto.

203063. Tuha, Jokioinen.

**203064 to 203069. PISUM SATIVUM L. Fabaceae.****Pea.**

203064. Artturi, Jokioinen.

203067. Kalle, Tammisto.

203065. Ginikka, Jokioinen.

203068. Taula, Jokioinen.

203066. Kaleva, Jokioinen.

203069. Tlo, Jokioinen.

**203070 to 203079. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Kenya. Seeds presented by H. C. Thorpe, Plant Breeding Station, Department of Agriculture, P. O. Njoro. Received Sept. 25, 1952.

203070. 318. *AJ. 4. A. 1.*

203075. 261. *R. 7. C. 1. B.*

203071. 294. *M. 7. C. 6. A.*

203076. 184. *P. 2. A. 1. A.*

203072. 294. *B. 2. A. 3.*

203077. 261. *S. 10. C. 2. D.*

203073. 291. *J. 1. I. 1.*

203078. 321. *BT. 1. B. 1.*

203074. 360. *H.*

203079. 351. *AS. 1. B. 2.*

**203080 and 203081. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From Tanganyika. Seeds presented by the Director of Agriculture, Dar es Salaam. Received Sept. 25, 1952.

Said to have been grown at Arusha.

203080. *B. 192.*

203081. *Sabanero.*

**203082. PANICUM sp. Poaceae.**

From Peru. Seeds presented by Rev. A. F. Reifsnnyder, Ahuaytia River Mission, Tingo Maria, Peru. Received Sept. 25, 1952.

*Maizella.* Plant 3 to 5 feet high; fast growing; excellent for pasture.

**203083 to 203086. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Paraguay. Seeds presented by J. A. Shellenberger, Institute of Inter-American Affairs. Received Sept. 25, 1952.

203083. 287. *Wabian.*

203085. 391. *Kawain.*

203084. 388. *Burpian.*

203086. 390. *Frombina.*

**203087. VITIS VINIFERA L. Vitaceae.****European grape.**

From Italy. Cuttings purchased from a commercial vineyard, Capri. Received Sept. 29, 1952.

*White.*

**203088. VITIS VINIFERA L. Vitaceae.****European grape.**

From Argentina. Cuttings presented by Roberto P. Norton, Mendoza. Received Sept. 29, 1952.

*Lacturario.*

**203089 to 203095. ORYZA SATIVA L. Poaceae.****Rice.**

From Japan. Seeds presented by the Chiugoku-Shikoku Agricultural Experiment Station, Kagawa, Shikoku. Received Sept. 29, 1952.

203089. *Rikuto Kumamoto No. 1.*

203093. *Rikuto Sanin No. 32.*

203090. *Rikuto Nourin No. 13.*

203094. *Rikuto Toukai No. 32.*

203091. *Rikuto Nourin No. 26.*

203095. *Rikuto Toukai Mochi No. 27.*

203092. *Rikuto Sanin No. 25.*

**203096 to 203111. BETA spp. Chenopodiaceae.**

From Turkey. Seeds collected by Huseyn Gokcora, University of Ankara, Ankara. Received Sept. 29, 1952.

203096 to 203105. *BETA TRIGYNA* Waldst. & Kit.

203096. No. 1. Erzurum.

203101. Altindere Farm, Ergis.

203097. No. 3. Ahuet Karya.

203102. No. 2. Erzurum.

203098. No. 4. Erzurum.

203103. Oyuklu.

203099. No. 6. Dogu Beyuzit.

203104. No. 5. Kars.

203100. No. 7. Dogu Beyuzit.

203105. No. 11. Sari Karns.

203106 to 203111. *BETA VULGARIS* L.

**Beet.**

203106. Kars.

203109. No. 8. Kars.

203107. No. 2. Erzurum.

203110. No. 9. Kars.

203108. No. 3. Erzurum.

203111. No. 10. Sari Karns.

**203112 to 203118. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Finland. Seeds presented by the Agricultural Research Institute, Jokioinen. Received Sept. 29, 1952.

From Jokioinen, unless otherwise noted.

203112. *Apu.* (Spring wheat.)

203116. *Sopu.* (Winter wheat.)

203113. *Hopea.* (Spring wheat.)

203117. *Touko.* (Winter wheat.)

203114. *Kiuru.* (Spring wheat.)

203118. Varma, Tammisto (Winter wheat.)

203115. *Olympia.* (Winter wheat.)

**203119 to 203124. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Kenya. Seeds presented by N. E. Borlaug, Njoro. Received Sept. 29, 1952.

203119. Shbanero, Rhodesia.

203122. 261. *R. F. C. 1. B.*

203120. 58. *F. (L. I.).*

203123. 294. *M. 7. C. 6. C.*

203121. 112. *A.*

203124. 341. *F. 2. D. 1.*

**203125. BRUCEA AMARISSIMA (Lour.) Desv. Simaroubaceae.**

From Thailand. Seeds collected by Dr. Pan Lao Ha Phan, Bangkok. Received Oct. 1, 1952.

From the town of Siricha. Seeds commonly used as a remedy for dysentery.

**203126 to 203131. RICINUS COMMUNIS L. Euphorbiaceae.****Castorbean.**

From India. Seeds obtained through the American Embassy, New Delhi.  
Received Oct. 2, 1952.

**203126 to 203128.** From G. Venkatanarayana, Agricultural Department, Coimbatore, Madras State.

**203126.** *TMV1*.

**203127.** *TMV2*.

**203128.** *TMV3*.

**203129 to 203131.** From R. S. Bhatt, Second Economic Botanist to Government of Madhya Pradesh, Negpur.

**203129.** *E. B. 16*.

**203130.** *E. B. 31*.

**203131.** *E. B. 9*.

**203132 to 203141.**

From Uganda and Belgian Congo. Seeds collected by W. H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 2, 1952.

From Mulunga Station, Costermansville, Belgian Congo, unless otherwise noted.

**203132 and 203133.** *COFFEA ARABICA* L. Rubiaceae.

**Arabian coffee.**

**203132.** *Barbuk Sudan*. South Bugish, Uganda.

**203133.** *Mysore*.

**203134 and 203135.** *COFFEA CONGENSIS* Froehn.

**Coffee.**

**203134.** Forest type. Stanleyville, Belgian Congo.

**203135.** River type.

**203136 and 203137.** *COFFEA EUGENOIDES* S. Moore.

**203138.** *COFFEA KIVUENSIS* Lebrun.

**203139.** *COFFEA* sp.

Yangambi, Stanleyville, Belgian Congo.

**203140.** *PSILANTHOPSIS KOPAKATA* A. Chev. Rubiaceae.

Yangambi, Stanleyville, Belgian Congo.

**203141.** *SOLANUM MACRANTHUM* Dun. Solanaceae.

**203142 to 203156.**

From Jordan. Seeds collected by L. D. Schweng, Foreign Agriculture Organization, Amman. Received Oct. 2, 1952.

From the general vicinity of Madaba.

**203142.** *CICER ARIETINUM* L. Fabaceae.

**Chickpea.**

**203143.** *GOSSYPIUM*. Malvaceae.

**Cotton.**

**203144.** *HORDEUM* sp. Poaceae.

**Barley.**

**203145.** *VICIA ERVILIA* (L.) Willd. Fabaceae.

**203146 to 203148.** *LENS CULINARIS* Medic. Fabaceae.

**Lentil.**

**203146.** No. 1.

**203147.** No. 2.

**203148.** No. 3.

**203149.** *PHASEOLUS VULGARIS* L. Fabaceae.

**Common bean.**

**203150.** *SESAMUM INDICUM* L. Pedaliaceae.

**Sesame.**



**203142 to 203156—Continued****203151.** *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.**Fenugreek.****203152 and 203153.** *TRITICUM AESTIVUM* L. Poaceae.**Common wheat.****203152.** No. 1.**203153.** No. 2.**203154 and 203155.** *VICIA FABA* L. Fabaceae.**Broadbean.****203156.** *VICIA NARBONENSIS* L.**203157 to 203167.** *SACCHARUM*. Poaceae.**Sugarcane.**

From Colombia. Cuttings presented by Guillermo Ramos Nuñez, Estación Experimental de Palmira, Valle. Received Oct. 2, 1952.

**203157.** *E. P. C.* 32,667.**203163.** *E. P. C.* 37,069.**203158.** *E. P. C.* 39,294.**203164.** *E. P. C.* 33,332.**203159.** *E. P. C.* 39,258.**203165.** *E. P. C.* 38(16).**203160.** *E. P. C.* 37,028.**203166.** *E. P. C.* 33,201.**203161.** *E. P. C.* 33,218.**203167.** *E. P. C.* 37,082.**203162.** *E. P. C.* 37,207.**2030168.** *VICIA*. Fabaceae.

From France. Seeds presented by the National School of Agriculture, Montpellier. Received Oct. 2, 1952.

*Cerdagne. Vicia villosa* × *cracca*.**203169.** *DIOSCOREA* sp. Dioscoreaceae.

From the Union of South Africa. Crowns presented by Scherag (Pty.) Limited, Johannesburg, Transvaal. Received Oct. 3, 1952.

Lot 18.

**203170 to 203174.** *TRITICUM*. Poaceae.

From Argentina. Seeds obtained by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 6, 1952.

Presented by Dario Bignoli; said to have originated in Russia.

**203170.** No. 972. *Triticum lutescens* × *Agropyron glaucum*.**203171.** No. 973. *Triticum mindum* × *Agropyron elongatum* × *T. mindum*.**203172.** No. 974. *Triticum* Var. *Kharkoff* × *Agropyron elongatum*.**203173.** No. 975. *Triticum orientale* × *Agropyron elongatum* × *T. timopheevi*.**203174.** No. 976. *Triticum orientale* × *Agropyron glaucum*.**203175.** *LEUCAENA GLAUCA* (L.) Benth. Mimosaceae.

From the Belgian Congo. Seeds collected by W. H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 6, 1952.

From Mulungu, Costermansville.

**203176 to 203179.**

From Finland. Seeds presented by the Agricultural Research Administration, Jokioinen. Received Oct. 7, 1952.

**203176.** *FESTUCA ELATIOR* L. Poaceae.**Meadow fescue.**

Teavo.

**203176 to 203179—Continued**203177. *MEDICAGO SATIVA* L. Fabaceae.**Alfalfa.***Si 386.*203178. *PHLEUM PRATENSE* L. Poaceae.**Timothy.***Tarmo.*203179. *TRIFOLIUM PRATENSE* L. Fabaceae.**Red clover.***Tammisto.***203180 to 203182. PRUNUS spp. Amygdalaceae.**

From Washington. Plants growing at the Regional Plant Introduction Station, Pullman. Numbered Oct. 7, 1952.

203180 and 203181. *PRUNUS VIRGINIANA* var. *DEMISSE* (Torr. & Gray) Torr.

From 10 miles up Methon River from Pateros, Wash. Aug. 14, 1952.

203180. Black fruits.

203181. Red fruits.

203182. *PRUNUS SPINOSA* L.**Blackthorn.**

Collected 2 miles northwest of Pullman, Aug. 26, 1952, by L. A. Mullen.

**203183. RUBUS sp. Rosaceae.****Raspberry.**

From Canada. Plants presented by the Central Experimental Farm, Department of Agriculture, Ottawa. Received Oct. 9, 1952.

*0-382.***203184 to 203215.**

From Mexico. Collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 10, 1952.

Collected in 1952; material collected was roots, unless otherwise noted.

203184. *DIOSCOREA BARTLETTII* Morton. Dioscoreaceae.

No. 12217. Rancho Ocote, 20 miles northwest of Ocozocoautla, Chiapas. Sept. 25. (Crowns.)

203185 and 203186. Road to Tehuantepec, Oaxaca. Sept. 11.

203185. *DIOSCOREA* sp.

No. 12152.

203186. *DIOSCOREA* sp.

No. 12153.

203187 to 203191. Five miles northeast of Tuxtla Gutiérrez, Chiapas. Sept. 14.

203187. *DIOSCOREA* sp.203190. *DIOSCOREA* sp.

No. 12165.

No. 12170.

203188. *DIOSCOREA* sp.203191. *DIOSCOREA* sp.

No. 12166.

No. 12171.

203189. *DIOSCOREA* sp.

No. 12167.

203192 and 203193. Ten miles west of Ocozocoautla, Chiapas. Sept. 15.

203192. *DIOSCOREA* sp.

No. 12172.

203193. *DIOSCOREA* sp.

No. 12173.

**203184 to 203215—Continued**

**203194 to 203198.** Twenty-two miles south of Comitán, Chiapas. Sept. 19 and 20.

**203194.** *Dioscorea* sp.

No. 12181.

**203195.** *Dioscorea* sp.

No. 12182.

**203196.** *Dioscorea* sp.

No. 12187.

**203197.** *Dioscorea* sp.

No. 12192.

**203198.** *Dioscorea* sp.

No. 12193.

**203199 and 203200.** Rancho Ocote, 20 miles northwest of Ocozocoautla, Chiapas. Sept. 25.

**203199.** *Dioscorea* sp.

No. 12218. (Crowns.)

**203200.** *Dioscorea* sp.

No. 12219.

**203201.** *Dioscorea* sp.

No. 12223. Four miles southwest of Bochil, Chiapas. Sept. 27.

**203202 and 203203.** Nine miles south of Tuxtla Gutiérrez, Chiapas. Sept. 28.

**203202.** *Dioscorea* sp.

No. 12228.

**203203.** *Dioscorea* sp.

No. 12229.

**203204.** *Dioscorea* sp.

No. 12233. Eight miles east of Zanatepec, Oaxaca. Sept. 29.

**203205.** *Furcraea* sp. Amaryllidaceae.

No. 12205. Near Ocozocoautla, Chiapas. Sept. 23. (Bulbs.)

**203206.** *Manfreda* sp. Amaryllidaceae.

No. 12065. Fifteen miles northeast of Oaxaca City, along road to Ixtlán, Oaxaca. Aug. 29. (Plants.)

**203207.** *Manfreda* sp.

No. 12085. Eight miles south of Miahuatlán, Oaxaca. Sept. 2. (Plants.)

**203208 and 203209.** Southwest slope of Sierra Ixtaccihuatl.

**203208.** *Manfreda* sp.

No. 12114. Sept. 7. (Plants.)

**203209.** *Manfreda* sp.

No. 12117. Sept. 6. (Plants.)

**203210 to 203212.** Market, Oaxaca. Sept. 10.

**203210.** *Manfreda* sp.

No. 12139. *Amole Fino*.

**203211.** *Manfreda* sp.

No. 12140. *Amole*.

**203212.** *Manfreda* sp.

No. 12141. *Amole*.

**203213.** *Manfreda* sp.

No. 12175. Ten miles northeast of Tuxtla Gutiérrez, Chiapas. Sept. 17. (Corms.)

**203214.** *Manfreda* sp.

No. 12222. Six miles south of Bochil, Chiapas. Sept. 27. (Plants.)

**203215.** *Nolina* sp. Liliaceae.

No. 12110. Seven miles south of Miahuatlán, Oaxaca. Sept. 2. (Plants.)

**203216 to 203218. SACCHARUM. Poaceae.****Sugarcane.**

From Formosa. Cuttings presented by the Taiwan Sugar Experiment Station, Tainan. Received Oct. 13, 1952.

203216. *F-108*.

203217. *F-132*.

203218. *F. 134*.

**203219 to 203223.**

From Mexico. Collected by H. S. Gentry and William B. Fox, Agricultural Explorers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 14, 1952.

203219. *AGAVE* sp. *Amaryllidaceae*.

No. 5865. Three miles north of Taxco along road to Cuernavaca, Morelos. Aug. 11, 1952. (Plants.)

203220. *BEGONIA MONOPHYLLA* Pavon. *Begoniaceae*.

No. 5839. Ten miles west of Iguala along road to Coyula, Guerrero. Aug. 8, 1952. Petals dull-white. (Seeds.)

203221. *DIOSCOREA LOBATA* Uline. *Dioscoreaceae*.

No. 5837. Seven miles west of Iguala along road to Teloloapán, Guerrero. Aug. 8, 1952. (Tubers.)

203222. *DIOSCOREA* sp.

No. 5834. Seven miles west of Iguala, Guerrero. Aug. 8, 1952. (Tubers.)

203223. *DIOSCOREA* sp.

No. 5860. Rancho Vaquerillo, south of Cosuatlan, Veracruz. July 1952. Used medicinally in treating broken bones.

**203224. PENNisetum PURPUREUM Schumach. Poaceae.****Napier grass.**

From Ecuador. Seeds presented by the Estación Experimental Agrícola, Quito. Received Nov. 3, 1952.

**203225 and 203226. MALUS SYLVESTRIS Mill. Malaceae.****Apple.**

From Tasmania. Scions presented by the Department of Agriculture, Launceston. Received Oct. 15, 1952.

203225. *Apex*.

203226. *Legana*.

**203227 and 203228. MALUS PLATYCARPA Rehder. Malaceae.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Oct. 16, 1952.

Roots said to be resistant to attacks by field mice.

203227. Scions from Rosedale, Md.

203228. Scions from near Newark, Del.

**203229 to 203231. LYCOPERSICON ESCULENTUM Mill. Solanaceae.****Tomato.**

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Oct. 20, 1952.

203229. *Manzana*.

203230. *Rey de los Tempranos*.

203231. *H. E. S. 3963*.

**203232. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From the Union of South Africa. Seeds presented by F. B. Harrington, "Camden," Natal. Received Oct. 20, 1952.

*Wheatley's Frost Resistant.*

**203233 to 203235. STROPHANTHUS spp. Apocynaceae.**

From Switzerland. Seeds presented by Professor Reichstein, University of Basel, Bern. Received Oct. 20, 1952.

203233. STROPHANTHUS sp. K. S. 51-37.

203234. STROPHANTHUS sp. K. S. 51-52.

203235. STROPHANTHUS sp. K. S. 51-53.

**203236 to 203240.**

From Turkey. Collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 21, 1952.

Collected at Lake Aband, Bolu.

203236. COLCHICUM VARIEGATUM L. Melianthaceae.

No. 814. Oct. 6, 1952. Flowers lavender. (Bulbs.)

203237. CORNUS MAS L. Cornaceae.

**Cornelian-cherry.**

No. 812. Oct. 6, 1952. (Seeds.)

203238. CRATAEGUS MONOGYNA Jacq. Malaceae.

No. 816. Oct. 6, 1952. (Seeds.)

203239. CROCUS sp. Iridaceae.

No. 831. Oct. 6, 1952. Blue flowers. (Bulbs.)

203240. PYRACANTHA COCCINEA Roem. Malaceae.

No. 815. Oct. 6, 1952. (Seeds.)

**203241. LUPINUS PILOSUS L. Fabaceae.**

From Western Australia. Seeds presented by William Hartley, CSIRO, Division of Plant Industry, Perth. Received Oct. 22, 1952.

**203242 to 203250.**

From Japan. Seeds presented by K. Ehara, Department of Agriculture, Kyushu University, Fukuoka. Received Oct. 22, 1952.

203242. AGROPYRON SEMICOSTATUM (Steud.) Nees. Poaceae.

203243. ASTRAGALUS SINICUS L. Fabaceae.

203244. CASSIA MIMOSOIDES L. Caesalpiaceae.

203245. DIGITARIA CILIARIS (Retz.) Koel. Poaceae.

203246. GLYCINE USSURIENSIS Regel & Maack. Fabaceae.

203247. MEDICAGO HISPIDA var. DENTICULATA Willd. (Urban.) Fabaceae.

203248. PUERARIA LOBATA (Willd.) Ohwi. Fabaceae **Kudzu.**

203249. VICIA HIRSUTA (L.) S. F. Gray. Fabaceae.

203250. VICIA SATIVA L. **Common vetch.**

**203251 and 203252. QUERCUS spp. Fagaceae. Oak.**

From England. Seeds presented by the Royal Botanic Gardens, Kew, Surrey. Received Oct. 22, 1952.

203251. QUERCUS GLANDULIFERA Blume.

203252. QUERCUS LUSITANICA Lam.

**203253 to 203280. ZEA MAYS L. Poaceae.****Corn.**

From Angola. Seeds presented by E. H. Rinke, Plant Improvement Station, Nova Lisboa. Received Oct. 23, 1953.

- 203253. *Branco Redondo* 2-15-18-12. White flint.
- 203254. *Branco Redondo* 18-3-19-9-26. White flint.
- 203255. *Branco Redondo* 21-13-8-8-12. White flint.
- 203256. *Branco Redondo* 8-8-14-2. White flint.
- 203257. *Dente De Rato* B. *Redondo* M294-12-7-22-4. White flint.
- 203258. *Branco Redondo* × 366 4-7-5. Yellow flint.
- 203259. *Armour* 20-4-1-913. Yellow flint.
- 203260. *Anhara* 10-14-23. Yellow flint.
- 203261. *Cattete (Brazil)* 2-4-11. Yellow flint.
- 203262. *Cattete (Brazil)* 24-6-7-12-9. Yellow flint.
- 203263. *Cattete (Brazil)* 24-6-5-2-9. Yellow flint.
- 203264. *Cattete (Brazil)* 17-3-2-7-2. Yellow flint.
- 203265. M 569 *Janjo*. White dent.
- 203266. M 565 *Tchinvinguiro*. White dent.
- 203267. M 561 *Cangol*. White dent.
- 203268. M 560 *Tchinvinguiro*. White dent.
- 203269. M 566 *Bela Vista*. White dent.
- 203270. M 572 *Dente De Cavalo* (Malange). White dent.
- 203271. M 366 *Branco Redondo* (Chianga). White flint.
- 203272. M 367 *Cattete Branco*. White flint.
- 203273. M 570 *Mungo*. White mixed.
- 203274. M 557 *Janjo*. White dent.
- 203275. M 558 *Santa Maria*. Yellow flint.
- 203276. M 553 *Chiumbo*. Yellow flint.
- 203277. M 414 *Cattete Amarelo*. Yellow flint.
- 203278. M 489 *Amarelo Laranja* (Malange). Yellow flint.
- 203279. (No number.) *Amarelo Da Cela (Cela)*. Yellow flint.
- 203280. M 559 *Santa Maria (Humpata)*. Yellow flint.

**203281 to 203283. ORYZA SATIVA L. Poaceae.****Rice.**

From Chile. Seeds presented by the S. A. Arroceros e Industrial Colchagua, Santiago. Received Oct. 27, 1952.

- 203281. *Sacol-1*.
- 203282. *Sacol-2*.
- 203283. *Sacol-3*.

**203284 to 203288. QUERCUS spp. Fagaceae.****Oak.**

From France. Seeds presented by the Museum of Natural History, Paris. Received Oct. 27, 1952.

- 203284. *QUERCUS CERRIS* L.
- 203285. *QUERCUS COCCIFERA* L.
- 203286. *QUERCUS HAAS* Kotschy.
- 203287. *QUERCUS ILEX* L.
- 203288. *QUERCUS MACROLEPIS* Kotschy.

**Holly oak.**

**203289 to 203329.**

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 27, 1952.

Collected in 1952; unless otherwise noted, collected in Rio Grande do Sul, Brazil.

**203289.** *AGROPYRON SCABRIGLUME* (Hack.) Parodi. Poaceae.

No. 1220. Canelones, Uruguay. June 8.

**203290.** *ASPARAGUS* sp. Convallariaceae.

No. 1046. Vicinity of Artigas, Uruguay. June 10.

**203291.** *BAUHINIA CANDICANS* Benth. Caesalpiniaceae.

No. 1379. Vicinity of Rio Grande do Sul, Brazil. June 29.

**203292.** *BETA* sp. Chenopodiaceae.

No. 999. Montevideo, Uruguay. June 7.

**203293.** *CALYDorea SPECIOSA* (Hook.) Herb. Iridaceae.

No. 809. Puerto Octay, Osorno, Chile. May 5.

**203294.** *CARDIOSPERMUM* sp. Sapindaceae.

No. 1011. Vicinity of Artigas, Uruguay. June 9.

**203295.** *CASSIA HIRSUTA* L. Caesalpiniaceae.

No. 1157. Vicinity of Santa Ana. June 13.

**203296.** *CASSIA MULTIJUGA* L. Rich.

No. 1168. Vicinity of Santa Ana. June 13.

**203297 and 203298.** *DATURA STRAMONIUM* L. Solanaceae.

**203297.** No. 741. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1. Poisonous.

**203298.** No. 917. La Germania Seed Farm, Las Rosas, Santa Fe, Argentina. May 15.

**203299.** *DAUBENTONIA* sp. Fabaceae.

No. 1186. Parque Grande Britania, Rivera, Uruguay. June 14.

**203300.** *ELYMUS AGROPYROIDES* Presl. Poaceae.

No. 70. Along the Rio Chico, Santa Cruz, Argentina.

**203301.** *GILIA* sp. Polemoniaceae.

No. 471. Guichaura ranch, near Tecka, Chubut, Argentina. Apr. 4.

**203302.** *GLEDITSIA AMORPHOIDES* (Griseb.) Taub. Caesalpiniaceae.

No. 1043. Artigas, Uruguay. June 10.

**203303.** *INODES* sp. Phoenicaceae.

**Palm.**

No. 1168. Vicinity of Santa Ana. June 13.

**203304.** *LIGUSTRUM* sp. Oleaceae.

No. 1169. Vicinity of Santa Ana. June 13.

**203305.** *MENTHA* sp. Menthaceae.

No. 725. Ten miles east of Los Ángeles, Bío-Bío, Chile. May 1. Perennial.

**203306.** *MUTISIA* sp. Asteraceae.

No. 406. Lago Futalaufquén, Chubut, Argentina, Mar. 31.

**203307.** *MUTISIA* sp.

No. 689. Villavicencio, Mendoza, Argentina. Apr. 22.

**203308.** *MUTISIA* sp.

No. 792. Banks of Rio de La Laja, Ñuble, Chile. May 2. Red flowers.

**203289 to 203329—Continued**

**203309.** MYRTUS sp. Myrtaceae.

No. 815. Puerto Octay, Osorno, Chile. May 5.

**203310.** NOTHOSCORDUM FRAGRANS (Vent.) Knuth. Liliaceae.

No. 1287. San José, Uruguay. June 18.

**203311.** NOTHOSCORDUM sp.

No. 1219. Canelones, Uruguay. June 8.

**203312.** NOTHOSCORDUM sp.

No. 1195. Protected area around city water supply, Rivera, Uruguay. June 14.

**203313.** PARKINSONIA sp. Caesalpinaceae.

No. 1142. June 13.

**203314 to 203318.** PERNETTYA MUCRONATA (L. f.) Gaud. Ericaceae.

203314. No. 411. Lago Kruger, Chubut, Argentina. Mar. 31.

203315. No. 413. Lago Kruger, Chubut, Argentina. Mar. 31.

203316. No. 827. Near Puerto Octay, Osorno, Chile. May 5.

203317. No. 851. Llanquihue, Osorno, Chile. May 5.

203318. No. 852. Llanquihue, Osorno, Chile. May 5.

**203319.** PHOENIX RECLINATA Jacq. Phoenicaceae.

**Palm.**

No. 1206. Park in Montevideo, Uruguay. June 17.

**203320 and 203321.** RICINUS COMMUNIS L. Euphorbiaceae.

**Castorbean.**

203320. No. 1504. July 7.

203321. No. 1488. July 5.

**203322.** ROSA sp. Rosaceae.

No. 1153. June 13.

**203323.** SESBANIA MARGINATA Benth. Fabaceae.

No. 1039. Artigas, Uruguay. June 10.

**203324.** SOLANUM sp. Solanaceae.

No. 1265. Puerta del Este, Maldonado, Uruguay. June 8.

**203325.** SOLANUM sp.

No. 1459. Vicinity of Montenegro. July 3.

**203326.** SOLANUM sp.

No. 1462. Vicinity of Montenegro. July 3.

**203327.** SOLANUM sp.

No. 1516. Near Caixas. July 8.

**203328.** TRIFOLIUM REPENS. L. Fabaceae.

**White clover.**

No. 1471. Near Montenegro. July 3.

**203329.** ZEA MAYS L. Poaceae.

**Corn.**

No. 1537. July 9.

**203330 and 203331.** NICOTIANA spp. Solanaceae.

From Italy. Seeds presented by the Scientific Experimental Tobacco Institute, Rome. Received Oct. 29, 1952.

**203330.** NICOTIANA sp.

*Perusitza.*

**203331.** NICOTIANA sp.

*Round Tip.*



**203332. QUERCUS ILICIFOLIA** Wangenh. Fagaceae.**Oak.**

From France. Seeds presented by the Arboretum Des Barres, Nogent, Vernisson.  
Received Oct. 29, 1952.

**203333 to 203339.**

From Mexico. Collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 30, 1952.

Collected in 1952.

**203333. AGAVE** sp. Amaryllidaceae.

No. 12178. San Critóbal Casas, Chiapas. Fruits. Sept. 30. (Seeds.)

**203334. ASCLEPIAS** sp. Asclepiadaceae.

No. 12238. Tehuantepec, Oaxaca. Sept. 30. Flowers lavender. (Seeds.)

**203335. DIOSCOREA COMPOSITA** Hemsl. Dioscoreaceae.

No. 12278. Six miles southwest of Tuxtepec, Oaxaca. Oct. 15. (Roots.)

**203336. DIOSCOREA** sp.

No. 12283. Córdoba, Veracruz.

**203337. DIOSCOREA** sp.

No. 12284. Twenty-four miles east of Córdoba along highway to Veracruz.  
Oct. 15. Small vine.

**203338. DIOSCOREA** sp.

No. 12286. Three miles south of Balsa Larga, Veracruz. Oct. 16. Small vine. (Roots.)

**203339. SOLANUM** sp. Solanaceae.

No. 12188. Fifteen miles south of Comitán, Chiapas. Sept. 20. Herbaceous; fruits small.

**203340. SOLANUM** sp. Solanaceae.

From Hawaii. Tubers collected by F. P. Cullinan, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 21, 1952.

Collected in a rock pile on the road to Keanakolu Orchard, Honolulu. Oct. 1, 1952.

**203341 to 203389.**

From the Union of South Africa. Seeds collected by L. C. C. Liebenberg, and J. L. Dougherty, Pretoria, Transvaal. Received Oct. 31, 1952.

Collected in Cape Province. June 1952.

**203341. ASTER FILIFOLIUS** Vent. Asteraceae.

Zebra National Park, Cradock.

**203342. ATRIPLEX CAPENSIS** Moq. Chenopodiaceae.

"Ezelsfontein," De Aar.

**203343. CONVULVULUS** sp. Convolvulaceae.

Farm "Kariegasfontein," Aberdeen.

**203344. DIGITARIA** sp. Poaceae.

Zebra National Park, Cradock.

**203345. DIGITARIA VALIDA** Stent.

Zebra National Park, Cradock.

**203346 and 203347. ERAGROSTIS CURVULA** (Schrud.) Nees. Poaceae.

203346. Zebra National Park, Cradock.

203347. "Oorlogspoort," Aberdeen.

## 203341 to 203389—Continued

203348 and 203349. *ERAGROSTIS CURVULA* var. *CONFERTA* Nees.

203348. "Oorlogspoort," Aberdeen.

203349. "De Doorns," Worcester.

203350. *ERAGROSTIS LEHMANNIANA* Nees.

"Oorlogspoort," Aberdeen.

203351. *ERAGROSTIS ROBUSTA* Stent.

Worcester.

203352. *ERAGROSTIS SARMENTOSA* (Thunb.) Trin.

"De Doorns," Worcester.

203353. *ERIOCEPHALUS GLABRA* Thunb. Asteraceae.

Farm "Colonies Plaats," Graaff Reinet.

203354. *FINGERHUTHIA SESLERIAEFORMIS* Nees. Poaceae.

Farm "Colonies Plaats," Graaff Reinet.

203355. *HERMANNIA* sp. Sterculiaceae.

Farm "Colonies Plaats," Graaff Reinet.

203356. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

Zebra National Park, Cradock district.

203357. *LEPTOCHLOA FUSCA* (L.) Kunth. Poaceae.

Farm "Oorlogspoort," Aberdeen.

203358 and 203359. *LIMEUM AETHIOPICUM* Burm. f. Phytolaccaceae.

203358. Farm "Blakesbridge," Graaff Reinet.

203359. Farm "Kariegasfontein," Aberdeen.

203360. *LOTONONIS DIVARICATA* Benth. Fabaceae.

Zebra National Park, Cradock.

203361. *OSTEOSPERMUM SPINESCENS* Thunb. Asteraceae.

Farm "Ezelsfontein," De Aar.

203362 to 203366. *PENNISETUM CILIARE* (L.) Link. Poaceae.

**Buffelgrass.**

203362. Farm "Colonies Plaats," Graaff Reinet.

203363. Farm "Uitkomst," Aberdeen.

203364. Farm "Oorlogspoort," Aberdeen.

203365. Nieuweveld Mountains.

203366. Twenty miles south of Beaufort West on road to Cape Town.

203367 to 203373. *PENTZIA INCANA* (Thunb.) Kuntze. Asteraceae.

203367. Farm "Colonies Plaats," Graaff Reinet.

203368. Blakesbridge, Graaff Reinet.

203369. Farm "Wellwood," Graaff Reinet.

203370. Farm "Uitkomst," Graaff Reinet.

203371. Farm "Kariegasfontein," Aberdeen.

203372. Thirty miles from Beaufort.

203373. Worcester Veld Reserve.

203374. *PENTZIA SPAEROCEPHALA* DC.

Worcester Veld Reserve.

203375. *PENTZIA* sp.

Farm "Colonies Plaats," Graaff Reinet.

**203341 to 203389—Continued**

**203376.** *PTERONIA GLAUCESCENS* DC. Asteraceae.

Farm "Ezelsfontein," De Aar.

**203377.** *SALSOLA* sp. Chenopodiaceae.

Farm "Colonies Plaats," Graaff Reinet.

**203378.** *SALSOLA* sp.

Farm "Kariegasfontein," Aberdeen.

**203379.** *SELAGO ALBIDA* Choisy. Scrophulariaceae.

Farm "Kariegasfontein," Aberdeen.

**203380.** *SELAGO* sp.

Farm "Blakesbridge," Graaff Reinet.

**203381.** *SELAGO* sp.

Farm "Uitkomst," Graaff Reinet.

**203382 and 203383.** *SPOROBOLUS FIMBRIATUS* Nees. Poaceae.

**203382.** Farm "Colonies Plaats," Graaff Reinet.

**203383.** Zebra National Park, Cradock.

**203384.** *SUTERA FOLIOLOSA* Hiern. Scrophulariaceae.

"Kariegasfontein," Aberdeen.

**203385 to 203387.** *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

**203385.** "Colonies Plaats," Graaff Reinet.

**203386.** Wellwood," Graaff Reinet.

**203387.** "Ezelsfontein," De Aar.

**203388.** *ZYGOPHYLLUM GILFILLANI* N. E. Brown. Zygophyllaceae.

"Kariegasfontein," Aberdeen.

**203389.** *ZYGOPHYLLUM MICROCARPUM* Licht.

"Kariegasfontein," Aberdeen.

**203390 and 203391.**

From Brazil. Seeds presented by M. L. Owen, Aquidauana, Mato Grosso.  
Received Nov. 3, 1952.

**203390.** *CITRUS LIMON* (L.) Burm. f. Rutaceae.

**Lemon.**

No. 38.

**203391.** *PASPALUM PLICATULUM* Michx. Poaceae.

No. 37.

**203392.** *COFFEA* sp. Rubiaceae.

**Coffee.**

From Brazil. Seeds presented by Carlos A. Krug, Director of the Instituto Agronômico, Campinas, São Paulo. Received Nov. 3, 1952.

3873 *ENX.*

**203393.** *STIPA* sp. Poaceae.

**Needlegrass.**

From the Republic of Panama. Seeds presented by Dr. J. J. Vallarimo, Panama City. Received Nov. 3, 1952.

**203394 to 203397.** *ARACHIS HYPOGAEA* L. Fabaceae.

**Peanut.**

From Brazil. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.  
Received Nov. 3, 1952.

**203394.** No. 2199. Market, Pôrto Alegre. Aug. 26, 1952.

**203395.** No. 2200. Market, Pôrto Alegre. Aug. 26, 1952.

**203394 to 203397—Continued**

203396. No. 2201. Market, Pôrto Alegre. Aug. 26, 1952.

203397. No. 2205. Market, Pelotas. Aug. 25, 1952.

**203398 to 203406. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Brazil. Seeds presented by Carlos A. Krug, Instituto Agronômico, São Paulo. Received Nov. 4, 1952.

Originally from sources indicated.

203398. *Abura*.

203403. *Novo Granada*. Japan.

203399. *Avare*. Japan.

203404. *Parana Precoce*. Japan.

203400. *Branca do Rio Grande*. France

203405. *Rio Grande*. France.

203401. *Edna*.

203406. 455. Africa.

203402. *Morro Agudo*. Japan.

**203407 to 203411.**

From Angola. Seeds presented by E. H. Rinke, Estação de Melhoramento de Plantas, Nova Lisboa. Received Nov. 4, 1952.

203407. *ANDROPOGON GAYANUS* Kunth. Poaceae.

203408. *CAJANUS CAJAN* (L.) Druce. Fabaceae.

Pigeonpea.

203409. *DOLICHOS LABLAB* L. Fabaceae.

Hyacinth-bean.

203410 and 203411. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

203410. *Leinho do Bie*.

203411. *Leinho do Cuina*.

**203412. LILIUM sp. Liliaceae.**

From Japan. Bulbs presented by the Aichi Prefecture Horticultural Experiment Station, Kiyosu, Aichi. Received Nov. 5, 1952.

**203413. QUERCUS ROBUR L. Fagaceae.**

English oak.

From Scotland. Seeds presented by the Royal Botanic Garden, Edinburgh. Received Nov. 5, 1952.

**203414 to 203419.**

From Madagascar. Seeds presented by the American Consulate, Tananarive. Received Nov. 6, 1952.

203414. *HETEROPOGON CONTORTUS* (L.) Beav. Poaceae.

*Danga*.

203415. *HYPARRHENIA CYMBARIA* (L.) Stapf. Poaceae.

*Verobe*.

203416. *HYPARRHENIA RUFA* (Nees) Stapf.

*Verokely*.

203417. *PANICUM MAXIMUM* Jacq. Poaceae.

Guinea grass.

*Fatakana*.

203418. *RHYTACHNE* sp. Poaceae.

*Kotohatsa*.

203419. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae.

Natal grass.

*Tsiboloboloana*.

**203420. PHALARIS TUBEROSA var. STENOPTERA (Hack.) Hitchc. Poaceae.**

From Morocco. Seeds presented by the Agronomic Research Service, Rabat. Received Nov. 7, 1952.

## 203421 to 203430.

From the Union of South Africa. Seeds presented by N. J. Law, Hochstetter House, Pretoria, Transvaal. Received Nov. 10, 1952.

203421. *CORCHORUS CAPSULARIS* L. Tiliaceae.

**Jute.**

*Marian.*

203422. *CORCHORUS OLITORIUS* L.

*Jute Azul.* From Brazil.

203423. *CROTALARIA JUNCEA* L. Fabaceae.

**Sunn-hemp.**

From Brazil.

203424 to 203429. *HIBISCUS CANNABINUS* L. Malvaceae.

**Kenaf.**

203424. *Brazilian Yellow Flower.*

203427. No. 1.

203425. *Egyptian Teal.*

203428. Deccan hemp.

203426. Salvadorian type. From Cuba.

203429. No. 2.

203430. *HIBISCUS SABDARIFFA* L.

**Roselle.**

*Vinagieria.*

## 203431 to 203476.

From Turkey. Collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 10, 1952.

Unless otherwise noted, material was seeds collected 40 km. south of Ankara, along Route 1, in valley near Ahiboz, on Aug. 25, 1952.

203431. *AEGILOPS CYLINDRICA* Host. Poaceae.

203432 to 203435. *AEGILOPS MUTICA* Boiss.

203432. No. 5.

203433. No. 38. Tuz Golu, Ankara.

203434. No. 39. Tuz Golu, Ankara.

203435. No. 42. Tuz Golu Ankara.

203436 and 203437. *AEGILOPS TRIUNCIALIS* L.

203436. No. 12.

203437. No. 15.

203438. *AELUROPUS* sp. Poaceae.

No. 50. Tuz Golu, Ankara. Perennial, creeping.

203439. *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae.

**Crested wheatgrass.**

No. 13.

203440. *AGROPYRON ORIENTALE* (L.) Roem. & Schult.

No. 29. North end of Tuz Golu, Ankara.

203441. *AGROPYRON CRISTATUM* (L.) Gaertn.

No. 9. Perennial, creeping.

203442. *AGROPYRON* sp.

No. 30. North end of Tuz Golu, Ankara.

203443. *AGROPYRON CRISTATUM* (L.) Gaertn.

No. 31. North end of Tuz Golu, Ankara.

203444 and 203445. *APERA INTERRUPTA* (L.) Beauv. Poaceae.

203444. No. 48. Tuz Golu, Ankara.

203445. No. 51. Tuz Golu, Ankara.

## 203431 to 203476—Continued

203446. *ALLIUM CEPA* L. Liliaceae. Onion.  
 No. 54. Ankara. (Bulbs.)
203447. *ALLIUM SATIVUM* L. Garlic.  
 No. 55. Ankara. (Bulbs.)
203448. *ALLIUM* sp.  
 No. 34. Tuz Golu, Ankara. (Bulbs and seeds.)
203449. *PHLEUM ARENARIUM* L. Poaceae.  
 No. 21. Eighty km. south of Ankara along Route 1.
203450. *AVENA FATUA* L. Poaceae. Wild oats.  
 No. 6.
- 203451 and 203452. *BROMUS MACROSTACHYS* Desf. Poaceae.  
 203451. No. 1.  
 203452. No. 32. North end of Tuz Golu, Ankara.
203453. *BROMUS TECTORUM* L.  
 No. 44. Tuz Golu, Ankara.
203454. *BROMUS* sp.  
 No. 2.
203455. *BROMUS* sp.  
 No. 49. Tuz Golu, Ankara.
203456. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.  
 No. 40. Tuz Golu, Ankara.
203457. *DELPHINIUM* sp. Ranunculaceae.  
 No. 4.
203458. *DELPHINIUM* sp.  
 No. 25. Eighty km. south of Ankara along Route 1.
- 203459 and 203460. *ELYMUS CAPUT-MEDUSAE* L. Poaceae.  
 203459. No. 3.  
 203460. No. 28. North end of Tuz Golu, Ankara.
203461. *GLYCYRRHIZA* sp. Fabaceae. Licorice.  
 No. 27. North end of Tuz Golu, Ankara.
203462. *HORDEUM GUSSONIANUM* Parl. Poaceae.  
 No. 10.
203463. *HORDEUM VULGARE* L. Common barley.  
 No. 17.
203464. *HORDEUM* sp.  
 No. 14.
203465. *HORDEUM* sp.  
 No. 33. Tuz Golu, Ankara.
203466. *LATHYRUS* sp. Fabaceae.  
 No. 23. Eighty km. south of Ankara, along Route 1.
203467. *ONOBRYCHIS HYPARGYREA* Boiss. Fabaceae.  
 No. 47. Tuz Golu, Ankara.
203468. *ONOBRYCHIS VICIAEFOLIA* Scop. Sainfoin.  
 No. 11.

## 203431 to 203476—Continued

203469. *PUCCINELLIA DISTANS* (L.) Parl. Poaceae.

No. 41. Tuz Golu, Ankara.

203470 to 203473. *SECALE CEREALE* L. Poaceae.

Rye.

203470. No. 7.

203473. No. 20. Eighty km. south of  
Ankara along Route 1.

203471. No. 18.

203472. No. 19.

203474. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae.

Fenugreek.

(No data.)

203475. *TRIGONELLA* sp.

No. 45. Tuz Golu, Ankara.

203476. *TRIGONELLA*, sp.

No. 46. Tuz Golu, Ankara.

203477. *POA FUEGIANA* (Hook. f.) Hack. Poaceae.

From Argentina. Seeds collected by Alan A. Beetle, Agricultural Explorer,  
Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville,  
Md. Received Apr. 10, 1952.

No. 363. Mount La Torta, Rivadavia Range, north of Togo, Chubut. Mar. 30,  
1952.

203478. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

From Spain. Seeds presented by the Instituto Nacional de Investigaciones Agro-  
nómicas, Alcalá de Henares, Madrid. Received Nov. 17, 1952.

## 203479 to 203518.

From California. Plants growing at the Huntington Garden, San Marino.  
Numbered Nov. 10, 1952.

Collected by H. S. Gentry and William B. Fox; unless otherwise noted, collected  
in Baja California, Mexico, in 1952.

203479. *AGAVE* sp. Amaryllidaceae.

No. 11719. Two miles east of El Marmol. Apr. 21.

203480 to 203485. Three and one-half miles east of El Marmol. Apr. 21.

203480. *AGAVE* sp.203483. *AGAVE* sp.

No. 11721.

No. 11724.

203481. *AGAVE* sp.203484. *AGAVE* sp.

No. 11722.

No. 11725.

203482. *AGAVE* sp.203485. *AGAVE* sp.

No. 11723.

No. 11726.

203486 to 203490. Near Aguaje del Iguera, southwest of Sierra San Luis.  
Apr. 23.

203486. *AGAVE* sp.203489. *AGAVE* sp.

No. 11740.

No. 11746.

203487. *AGAVE* sp.203490. *AGAVE* sp.

No. 11742.

No. 11748.

203488. *AGAVE* sp.

No. 11744.

203491. *AGAVE* sp.

No. 11755. Rancho San Sebastiano, Sierra de las Palmas. Apr. 25.

203492. *AGAVE* sp.

No. 11778. La Champaigna, Sierra de las Palmas. Apr. 28.

**203479 to 203518—Continued**

**203493.** *FEROCACTUS* sp. Cactaceae.

No. 11780 La Champagna, Sierra de las Palmas. Apr. 28.

**203494.** *FOUQUIERIA* sp. Fouquieriaceae.

No. 11781. La Champagna, Sierra de las Palmas. Apr. 28.

**203495.** *AGAVE* sp. Amaryllidaceae.

No. 11825. Three miles north of Todos Santos. May 4.

**203496.** *AGAVE* sp.

No. 11836. Five to eight miles south of Colonia Calles. May 5.

**203497.** *AGAVE* sp.

No. 11850. Cabo San Lucas. May 5.

**203498.** *AGAVE* sp.

No. 11869. Three miles northeast of La Paz on rocky sedimentary slope above bay. May 7.

**203499.** *AGAVE* sp.

No. 11892. Isla San Marcos, Gulf of California. May 13.

**203500 and 203501.** *AGAVE MARGARITAE* Brandeg.

Cieneguita, Isla Margarita. May 15.

**203500.** No. 11903.

**203501.** No. 11905.

**203502 to 203508.** *AGAVE CERULATA* Trel.

Six miles west of Calmalli. May 17.

**203502.** 11919.

**203506.** 11924.

**203503.** 11921.

**203507.** 11926.

**203504.** 11922.

**203508.** 11928.

**203505.** 11923.

**203509.** *AGAVE AVELLANIDENS* Trel.

No. 11929. Six miles west of Calmalli. May 17.

**203510.** *AGAVE* sp.

No. 11944. About 9 miles east of Punta Prieta. May 19.

**203511.** *AGAVE* sp.

No. 11951. About 17 to 18 miles east of Punta Prieta. May 20.

**203512.** *AGAVE* sp.

No. 11953. Twenty-one miles east of Punta Prieta. May 20.

**203513 to 203515.** *AGAVE CERULATA* Trel.

**203513.** No. 11955. Nineteen miles east of Punta Prieta. May 20.

**203514.** No. 11956. Nineteen miles east of Punta Prieta. May 20.

**203515.** No. 11962. Four to five miles northwest of Laguna Seca Chapala. May 21.

**203516.** *AGAVE* sp.

No. 7693. Picachos de Santa Clara, Vizcaino Desert. Nov. 5 to 7, 1951.

**203517.** *AGAVE PARVIFLORA* Torr

No. 10022. About 11 miles southeast of Ruby, Ariz. Dec. 10, 1950.

**203518.** *AGAVE* sp.

No. 10256. San Bernardo, Sonora. "Jaiboli," "Temechi." Mar. 8, 1951.



**203519 to 203521.**

From Southern Rhodesia. Seeds presented by Dr. O. West, Grasslands Research Station, Marandellas. Received Nov. 12, 1952.

**203519.** *CHLORIS GAYANA* Kunth. Poaceae.

**Rhodes grass**

*Katambora Strain.*

**203520.** *PANICUM MAKARIKARIENSE* (Goos.) Van Rensb. Poaceae.

*Bambatsi Strain.*

**203521.** *PENNISETUM CILIARE* (L.) Link. Poaceae.

**Buffelgrass.**

*Chipinga Foxtail Strain.*

**203522 to 203524. CAPSICUM FRUTESCENS L. Solanaceae.**

**Redpepper.**

From New York. Seeds presented by Mrs. James E. Winfield, Painted Post. Received Nov. 13, 1952.

**203522.** No. 1. Originally from Mexico.

**203523.** No. 2. Purple-fruited; originally from Mexico.

**203524.** No. 3. Originally from Cuba.

**203525 to 203532. NICOTIANA TABACUM L. Solanaceae.**

**Tobacco.**

From Korea. Seeds presented by Chong Kim, Tobacco Experiment Station, Taegu. Received Nov. 13, 1952.

**203525.** *Chungju Yop.*

**203529.** *Soo An Cho.*

**203526.** *Hyang Cho.*

**203530.** *Taeyon No. 1.*

**203527.** *Kochi Byon.*

**203531.** *Yi Cho.*

**203528.** *Sariwon Byon.*

**203532.** *Yong Wol Yop.*

**203533 and 203534. SACCHARUM. Poaceae.**

**Sugarcane.**

From the Canal Zone. Cuttings presented by Jack L. Dean, Pedro Miguel. Received Nov. 17, 1952.

**203533.** *D. 1-52.*

**203534.** *P. O. J. 2802.*

**203535. DIOSCOREA ELEPHANTIPES (L'Hérit.) Engl. Dioscoreaceae.**

From the Union of South Africa. Crowns and roots presented by Scherag (Pty.) Limited, Johannesburg, Transvaal. Received Nov. 18, 1952.

**203536 to 203539. QUERCUS spp. Fagaceae.**

**Oak.**

From Italy. Seeds presented by the Orto Botanico Dell'Universita, Naples. Received Nov. 18, 1952.

**203536.** *QUERCUS BRUTIA* Tenore.

**203537.** *QUERCUS CERRIS* L.

**203538.** *QUERCUS ILEX* L.

**Holly oak.**

**203539.** *QUERCUS THOMASII* Tenore.

**203540. CARICA PAPAYA L. Caricaceae.**

**Papaya.**

From the Philippines. Seeds presented by Jerome Wagner, Society of the Divine Word, Manila. Received Nov. 19, 1952.

**203541. SACCHARUM. Poaceae.**

**Sugarcane.**

From the Canal Zone. Cuttings presented by Jack L. Dean, Pedro Miguel. Received Nov. 20, 1952.

*E. K. 28.*

**203542 to 203544. COFFEA spp. Rubiaceae.****Coffee.**

From Ceylon and Malaya. Seeds collected by William H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Nov. 20, 1952.

203542. *COFFEA STENOPHYLLA* G. Don.

From the Peradeniya Botanic Gardens, Kandy, Ceylon.

203543. *COFFEA* sp.

*Kalimas*. Federal Experiment Station, Serdang Selangor, Malaya.

203544. *COFFEA* sp.

*Kawisari*. Federal Experiment Station, Serdang, Selangor, Malaya.

**203545 to 203549. SACCHARUM. Poaceae.****Sugarcane.**

From Trinidad. Cuttings presented by the Director of Agriculture, Port of Spain. Received Nov. 20, 1952.

203545. *B. 3365*.

203548. *B. 42279*.

203546. *B. 4226*.

203549. *B. 43229*.

203547. *B. 4744*.

**203550. PINUS ARMANDII Franch. Pinaceae.****Armand pine.**

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Nov. 20, 1952.

Grown from seeds collected May 29, 1929, in Yunnan, China, by Dr. J. F. Rock.

**203551. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**

From New Mexico. Seeds collected by W. A. Archer, United States National Arboretum, Washington, D. C. Received Nov. 21, 1952.

From Mesilla Valley; volunteers on ditchbanks. Formerly cultivated in cornfields by native Mexicans. Grows also in Chihuahua, Mexico. Flesh white, sweetish, juicy.

**203552 to 203563. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Egypt. Seeds presented by the Ministry of Agriculture, Plant Breeding Department, Orman, Giza. Received Nov. 21, 1952.

203552. *Giza 139*.

203558. Line 1167-73.

203553. *Mokhtar*.

203559. Line 1168-142.

203554. Line 1120-6.

203560. Line 1169-183.

203555. Line 1041.

203561. Line 1177-343.

203556. Line 1167-47.

203562. Line 1172-227.

203557. Line 1167-9.

203563. Line 950.

**203564 to 203566. QUERCUS spp. Fagaceae.****Oak.**

From Japan. Seeds presented by the Chiugoku-Shikoku Experiment Station, Shikoku. Received Nov. 21, 1952.

203564. *QUERCUS ACUTISSIMA* Carruth.

203565. *QUERCUS MYRSINAEFOLIA* Blume.

203566. *QUERCUS GLANDULIFERA* Blume.

**203567. PHRAGMITES COMMUNIS Trin. Poaceae.**

From the Union of South Africa. Seeds presented by J. Leslie Parkhouse, Wonderhoogte Farm, Utrecht, Natal. Received Nov. 21, 1952.

**203568 to 203575. Gossypium. Malvaceae.****Cotton.**

From Peru. Seeds presented by A. F. Swanson, Institute of Inter-American Affairs, Lima. Received Nov. 24 1952.

203568. 52/A.

203572. 52/E.

203569. 52/B.

203573. 52/F.

203570. 52/C.

203574. 52/G.

203571. 52/D.

203575. *Plateado 234.***203576 to 203582. Quercus spp. Fagaceae.****Oak.**

From Italy. Seeds presented by the Instituto Botanico, Florence. Received Nov. 24, 1952.

203576. *Quercus aegilops* L.203577 and 203578. *Quercus coccifera* L.

203577. Taranto.

203578. Lecce.

203579. *Quercus ilex* L.203580. *Quercus pubescens* Willd.203581 and 203582. *Quercus trojana* Webb.

203581. Bari.

203582. South Michele.

**203583 to 203664.**

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 24, 1952.

Collected in 1952; unless otherwise noted, collected in Rio Grande do Sul, Brazil.

203583. *Acacia* sp. Mimosaceae.

No. 2139.

203584. *Agrostis montevidensis* Spreng. Poaceae.

No. 1619. Twenty km. south of Pôrto Alegre. July 13.

203585. *Andropogon condensatus* H. B. K. Poaceae.

No. 1089. Vicinity of Rivera, Uruguay. June 11. Tufted perennial.

203586. *Andropogon hassleri* Hack.

No. 1764. Pôrto Alegre. July 26. Tufted perennial.

203587 and 203588. *Andropogon saccharoides* Swartz.

203587. No. 1770. Cachoeira Airport. July 29. Tufted perennial.

203588. No. 1815. São Gabriel. July 31.

203589 and 203590. *Andropogon lateralis* Nees.

203589. No. 1463. Vicinity of Montenegro. July 3.

203590. No. 1768. Cachoeira Airport. July 29.

203591. *Andropogon microstachyus* Desv.

No. 1198. Twenty-five km. west of Rivera, Uruguay. June 14.

203592 and 203593. *Andropogon paniculatus* Lam.

203592. No. 1259. Near Estanzuela, Colonia, Uruguay. June 18.

203593. No. 1261. Punta del Este, Maldonado, Uruguay. June 18.

## 203583 to 203664—Continued

203594 and 203595. *ANDROPOGON MICROSTACHYUS* Desv.

203594. No. 1767. Cachoeira Airport. July 29.

203595. No. 1813. São Gabriel. July 31. Tufted perennial.

203596. *ANDROPOGON SACCHAROIDES* Swartz.

No. 1037. Artigas Airport, Artigas, Uruguay. June 10. Tufted perennial.

203597. *ERIANTHUS ANGUSTIFOLIUS* Nees. Poaceae.

No. 1562. Pôrto Alegre. July 11.

203598. *ANDROPOGON SACCHAROIDES* Swartz. Poaceae.

No. 1144. Santa Ana. June 13.

203599. *ANDROPOGON* sp.

No. 1204. Twenty km. west of Rivera, Uruguay. June 14.

203600. *ANDROPOGON SACCHAROIDES* var. *ERIANTHOIDES* Hack.

No. 1291. Near Cordova, Soriano, Uruguay. June 19.

203601. *ANDROPOGON* sp.

No. 1331. Puerto Bravo, Montevideo, Uruguay. June 21.

203602. *ARISTIDA PALLENS* Cav. Poaceae.

No. 1117. Vicinity of Rivera, Uruguay. June 11.

203603. *AXONOPUS BARBIGERUS* (Kunth) Hitchc. Poaceae.

No. 1125. Vicinity of Rivera, Uruguay. June 11.

203604. *AXONOPUS SUFFULTUS* (Trin.) Parodi.

No. 1637. São Gabriel.

203605. *AXONOPUS* sp.

No. 1280. National Prison near Libertad, San José, Uruguay. June 18.

203606. *AXONOPUS* sp.

No. 1531. July 9.

203607. *AXONOPUS* sp.

No. 1564. Vicinity of Pôrto Alegre. July 11.

203608. *AXONOPUS* sp.

No. 1769. Cachoeira Airport. July 29. Tufted.

203609. *AXONOPUS* sp.

No. 1921. Cliffs near ocean, Tôrres. Aug. 8.

203610. *AXONOPUS* sp.

No. 2215. Ten km. west of Pelotas. Aug. 18. Perennial.

203611. *BOUPELLOUA MEGAPOTAMICA* (Spreng.) Kuntze. Poaceae

No. 1246. Near Estanzuela, Colonia, Uruguay. June 18.

203612. *BRIZA* sp. Poaceae.

No. 1363. Pôrto Alegre. June 26.

203613. *BRIZA* sp.

No. 1583. Twenty km. south of Pôrto Alegre. July 13.

203614 and 203615. *BROMUS AULETICUS* Nees. Poaceae.

203614. No. 1513. Near Caixas. July 9.

203615. No. 1535. Vicinity of Vocano. July 9.

203616. *BROMUS HAENKEANUS* (Presl.) Kunth.

No. 2145. Pôrto Alegre. August.

## 203583 to 203664—Continued

203617 and 203618. *CALAMAGROSTIS LONGEARISTATA* (Wedd.) Hack. Poaceae.

203617. No. 1763. Pôrto Alegre. July 21.

203618. No. 2214. Ten km. west of Pelotas. Aug. 28.

203619. *CALLIANDRA TWEEDII* Benth. Mimosaceae.

No. 1933. Hills at Gloria, Pôrto Alegre, Brazil. Aug. 15. Red flowers.

203620 and 203621. *CHLORIS CANTERAI* Arech. Poaceae.

203620. No. 1129. Vicinity of Rivera, Uruguay. June 12.

203621. No. 1461. Vicinity of Montenegro. July 3.

203622 to 203624. *CHLORIS GAYANA* Kunth. Rhodes grass.

203622. No. 1460. Vicinity of Montenegro. July 3.

203623. No. 1789. São Gabriel. July 30.

203624. No. 2236. Ten km. west of Pelotas. Aug. 28.

203625. *CHLORIS ULIGINOSA* Hack.

No. 1834. Ten km. southeast of Uruguaiiana. Aug. 1.

203626. *CHLORIS* sp.

No. 1202. Twenty km. west of Rivera, Uruguay. June 14. Tufted perennial.

203627. *CHLORIS* sp.

No. 1230. Maldonado, Uruguay. June 8.

203628. *CHLORIS* sp.

No. 1312. Florida, Uruguay. June 19.

203629. *CHLORIS* sp.

No. 1643. Vicinity of San Antonio. July.

203630. *CHLORIS* sp.

No. 1644. Vicinity of San Antonio. July.

203631. *CHLORIS* sp.

No. 1977. São Leopoldo. Aug. 15.

203632. *CHLORIS* sp.

No. 2094. Misiones, Argentina. Aug. 19. Tufted perennial.

203633. *CHLORIS* sp.

No. 2207. Ten km. west of Pelotas. Aug. 28.

203634. *CROTALARIA* sp. Fabaceae.

No. 1774. São Gabriel. July 29. Annual.

203635 to 203637. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermuda grass.

203635. No. 1111. Vicinity of Rivera, Uruguay. June 11.

203636. No. 1262. Puerto del Este, Maldonado, Uruguay. June 18.

203637. No. 1466. Near Montenegro. July 3.

203638. *DESCHAMPSIA* sp. Poaceae.

No. 1642. São Gabriel. July.

203639. *DIGITARIA* sp. Poaceae.

No. 1295. Near Durazno, Uruguay. June 19. Tufted perennial.

203640. *DIOSCOREA* sp. Dioscoreaceae.

No. 2088. Misiones, Argentina. Aug. 19.

203641. *ELEUSINE TRISTACHYA* Lam. Poaceae.

No. 1357. Pôrto Alegre. June 26.

**203583 to 203664—Continued****203642. ELEUSINE sp.**

No. 1130. Vicinity of Rivera, Uruguay. June 12.

**203643. ELEUSINE sp.**

No. 1258. Near Estanzuela, Colonia, Uruguay. June 18.

**203644 and 203645. ERAGROSTIS ACUTIGLUMIS Parodi. Poaceae.**

203644. No. 1411. Vicinity of San Antonio. June 29.

203645. No. 1821. Vicinity of Artigas, Artigas, Uruguay. June 9. Tufted perennial.

**203646. ERAGROSTIS BAHIENSIS Schrad.**

No. 1818. São Gabriel. July 31. Tufted perennial.

**203647 and 203648. ERAGROSTIS EXPANSA Link.**

203647. No. 1201. Twenty-five km. west of Rivera, Uruguay. June 14. Tufted perennial.

203648. No. 2216. Ten km. west of Pelotas. Aug. 28.

**203649. ERAGROSTIS FLACCIDA Lindm.**

No. 1758. Near Montenegro. July 24.

**203650 and 203651. ERAGROSTIS NEESII Trin.**

203650. No. 1536. July 9.

203651. No. 1819. São Gabriel. July 31. Low tufted perennial.

**203652. ERAGROSTIS VIRESCENS Presl.**

No. 1638. São Gabriel.

**203653. ERAGROSTIS sp.**

No. 1222. Maldonado, Uruguay. June 8.

**203654. ERAGROSTIS FLACCIDA Lindm.**

No. 1233. Mouth of Rio Santa Lucia, San José, Uruguay. June 18. Tufted perennial.

**203655. ERAGROSTIS sp.**

No. 1294. Near Durazno, Uruguay. June 19.

**203656. ERAGROSTIS AIROIDES Nees.**

No. 1511. Near Caixas. July 8.

**203657. ERAGROSTIS sp.**

No. 1869. Tôrres. Aug. 6.

**203658. MENTHA sp. Menthaceae.**

No. 1152. Vicinity of Santa Ana. June 13.

**203659. PERNETTYA MUCRONATA (L. F.) Gaud. Ericaceae.**

No. 829. Near Puerto Octay, Osorno, Chile. May 5. Fruit pink.

**203660 to 203662. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.**

203660. No. 1888. Tôrres. Aug. 7.

203661. No. 2147. Banks of Rio Paraná, Paraguay. Aug. 21.

203662. No. 1988. Road between Hotel Casino and Rio Paraná, Brazil. Aug. 17.

**203663. SCHRANKIA ARGENTINENSIS Burkart. Fabaceae.**

No. 1995. East bank of Rio Paraná, Paraná, Brazil. Aug. 17.

**203664. TRIFOLIUM ISTHMOCARPUM Brot. Fabaceae.**

No. 1773. São Gabriel. July 29.

**203665 to 203689. SACCHARUM. Poaceae.****Sugarcane.**

From Mauritius. Cuttings presented by the Sugarcane Research Station, Reduit.  
Received Nov. 25, 1952.

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|--------------------------------------|------------------------------------|
| 203665. <i>Big Tanna Mon Desert.</i> | 203678. <i>Senneville.</i>         |
| 203666. <i>Big Tanna St. Aubin.</i>  | 203679. <i>Striped Tanna.</i>      |
| 203667. <i>Big Tanna St. Felix.</i>  | 203680. <i>Sylva.</i>              |
| 203668. <i>Black Tanna.</i>          | 203681. <i>Tamarin.</i>            |
| 203669. <i>Bois Rouge.</i>           | 203682. <i>Tombiapa.</i>           |
| 203670. <i>Ebene 1/37.</i>           | 203683. <i>White Tanna.</i>        |
| 203671. <i>Fotiogo.</i>              | 203684. <i>D. 109 White Sport.</i> |
| 203672. <i>Iscambine.</i>            | 203685. <i>M. 63/39.</i>           |
| 203673. <i>Iscambine Rayee.</i>      | 203686. <i>M. 76/39.</i>           |
| 203674. <i>Mapou Perlee.</i>         | 203687. <i>M. 99/34.</i>           |
| 203675. <i>Mignonne.</i>             | 203688. <i>M. 165/38.</i>          |
| 203676. <i>Penang.</i>               | 203689. <i>R. P. 8.</i>            |
| 203677. <i>Port Mackay. (Black.)</i> |                                    |

**203690. IXOPHORUS UNISSETUS (Presl) Schlecht. Poaceae.**

From Costa Rica. Seeds presented by the Inter-American Institute of Agricultural Sciences, Turrialba. Received Nov. 25, 1952.

**203691. COFFEA CONGENSIS Froehn. Rubiaceae.****Coffee.**

From Indonesia. Seeds collected by William H. Cowgill, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Nov. 25, 1952.

From the Department of Agriculture, Bogor.

**203692 and 203693. QUERCUS spp. Fagaceae.****Oak.**

From Portugal. Seeds presented by the Estação Agronómica Nacional, Sacavém.  
Received Nov. 25, 1952.

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|---|------------------|
| 203692. <i>QUERCUS SUBER L.</i>         | <b>Cork oak.</b> |
| 203693. <i>QUERCUS PYRENAICA Willd.</i> |                  |

**203694 to 203699. RHODODENDRON spp. Ericaceae.**

From Maryland. Plants at the United States Plant Introduction Garden, Glenn Dale. Numbered in December 1952.

**203694. RHODODENDRON CANADENSE (L.) Torr.**

(B 12687.) From the Marsh Botanical Garden, New Haven, Conn. Received as seeds Mar. 8, 1929.

**203695 to 203699. Collected in 1936 by C. O. Erlanson.****203695 to 203696. RHODODENDRON CANESCENS (Michx.) Sweet.**

203695 (B 24807.) (No. 704.) Georgia. Apr. 30.

203696. (B 24993.) (No. 740.) Chattanooga, Tenn. May 5.

**203697. RHODODENDRON CANESCENS var. CANDIDUM (Small) Rehd.**

(B 24772.) (No. 655.) Waycross, Ga. May 5.

**203698. RHODODENDRON NUDIFLORUM (L.) Torr.**

(B 25043.) (No. 751.) North Carolina. May 12.

**203699. RHODODENDRON NUDIFLORUM f. GLANDULIFERUM (Porter) Fern.**

(B 25047.) (No. 754.) North Carolina. May 11.

**203700. AVENA SATIVA L. Poaceae.****Common oats.**

From Chile. Seeds presented by the Servicios Agrícolas, Santiago. Received Dec. 1, 1952.

*Stormking.*

**203701. ALBIZZIA sp. Mimosaceae.**

From Saudi Arabia. Seeds presented by Guy Hamilton, Dhahran. Received Dec. 11, 1952.

**203702 and 203703. VACCINIUM VITIS-IDAEA L. Vacciniaceae.**

From Sweden. Seeds presented by Emil Johansson, Horticultural Research Station, Alnarp, Akarp. Received Dec. 1, 1952.

Collected at Nyckelby.

**203702.** *Fallingén.*

**203703.** *Reylingen.*

**203704 to 203718. ROSA spp. Rosaceae.****Rose.**

From England. Seeds presented by F. C. Stern, Highdown, Goring-by-Sea, Sussex. Received Dec. 1, 1952.

**203704.** *ROSA BRUNONII* Lindl.

**203705.** *ROSA ELEGANTULA* Rolfe.

**203706.** *ROSA LAEVI GATA* Michx.

**203707.** *ROSA MACROPHYLLA* Lindl.

**203708.** *ROSA MOYESII* Hemsl. & Wils.

**203709.** *ROSA MULTIBRACTEATA* Hemsl. & Wils.

**203710.** *ROSA OMEIENSIS* Rolfe.

**203711.** *ROSA PRIMULA* Boul.

**203712.** *ROSA ROXBURGHII* Tratt.

**203713.** *ROSA RUBUS* Lévl. & Van.

**203714.** *ROSA SINOWILSONII* Hemsl.

**203715.** *ROSA SOULIEANA* Crép.

**203716.** *ROSA STELLATA* var. *MIRIFICA* (Greene) Cockerell.

**203717.** *ROSA SWEGINZOWII* Koehne.

**203718.** *ROSA* sp.

**203719 to 203801.**

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 3, 1952.

Collected in 1952; unless otherwise noted, collected in Rio Grande do Sul, Brazil.

**203719 to 203722. ANDROPOGON spp. Poaceae.**

Vicinity of San Antonio. June 29.

**203719.** *ANDROPOGON BICORNIS* L.

No. 1393. Tufted perennial.

**203720.** *ANDROPOGON CONDENSATUS* H. B. K.

No. 1369.

**203721.** *ANDROPOGON HASSLERI* Hack.

No. 1375.

**203722.** *ANDROPOGON VIRGATUS* Desv.

No. 1367. Tall tufted perennial.



**203719 to 203801—Continued**

- 203723.** *CALAMAGROSTIS LONGEARISTATA* (Webb.) Hack Poaceae.  
No. 1348. Vicinity of Pôrto Alegre. June 26.
- 203724.** *CALAMAGROSTIS VIRIDI-FLAVESCENS* (Poir.) Steud.  
No. 1391. Vicinity of San Antonio. June 29. Tufted perennial.
- 203725.** *ERAGROSTIS BRASILIENSIS* Nees. Poaceae.  
No. 1370. Vicinity of San Antonio. June 29. Tufted perennial.
- 203726 and 203727.** *ERIANTHUS ANGUSTIFOLIUS* Nees. Poaceae.  
**203726.** No. 1368. Vicinity of San Antonio. June 29. Tufted Perennial.  
**203727.** No. 1781. São Gabriel Experiment Station. July 30.
- 203728.** *FESTUCA ARUNDINACEA* Schreb. Poaceae. **Tall fescue.**  
No. 1248. Estanzuela Experiment Station, Colonia, Uruguay. June 18.
- 203729.** *FESTUCA* sp.  
No. 1639. São Gabriel.
- 203730.** *GYMNOPOGON SPICATUS* (Spreng.) Kuntze. Poaceae.  
No. 1007. Vicinity of Artigas, Uruguay. June 9. Perennial.
- 203731.** *ISCHAEMUM URVILLEANUM* Kunth. Poaceae.  
No. 1641. São Gabriel.
- 203732.** *MELINUS MINUTIFLORA* Beauv. Poaceae. **Molasses grass.**  
No. 1985. Road between Hotel Casino and Rio Paraná, Paraná. Aug. 17.
- 203733.** *ORYZA SATIVA* L. Poaceae.  
No. 2244. State Rice Experiment Station, near Pôrto Alegre. Aug. 30.
- 203734.** *PANICUM MILIÖIDES* Nees. Poaceae.  
No. 1205. Twenty-five km. west of Rivera, Uruguay. June 14.
- 203735.** *PANICUM LAXUM* Swartz.  
No. 1128. Vicinity of Rivera, Uruguay. June 12.
- 203736.** *PANICUM* sp.  
No. 1407. Vicinity of San Antonio. June 29.
- 203737.** *PANICUM* sp.  
No. 2177. Banks of Rio Paraná, Iguassú, Paraná Aug. 21.
- 203738.** *PASPALUM ALMUM* Chase. Poaceae.  
No. 998. Montevideo, Uruguay.
- 203739.** *PASPALUM URVILLEI* Steud.  
No. 1514. Vicinity of Caixas. July 8.
- 203740.** *PASPALUM NOTATUM* Fluegge. **Bahia grass.**  
No. 1510. Caixas. July 8.
- 203741 to 203745.** *PASPALUM PLICATULUM* Michx.  
**203741.** No. 2222. Instituto de Agricultura, 10 km. west of Pelotas. Aug. 28.  
**203742.** No. 1840. Aug. 1.  
**203743.** No. 1472. Near Montenegro. July 3.  
**203744.** No. 1281. National Prison near Libertad, San José, Uruguay.  
June 18.  
**203745.** No. 1115. Vicinity of Rivera, Uruguay. June 11.

**203719 to 203801—Continued****203746 to 203752. PASPALUM URVILLEI Steud.**

203746. No. 1016. Vicinity of Artigas, Uruguay. June 9.

203747. No. 1817. São Gabriel. July 31.

203748. No. 1148. Near Santa Ana. June 13.

203749. No. 1120. Vicinity of Rivera, Uruguay. June 11.

203750. No. 1285. National Prison, near Libertad, San José, Uruguay. June 18.

203751. No. 1378. Vicinity of San Antonio. June 29.

203752. No. 1355. Pôrto Alegre. June 26.

**203753. PASPALUM sp.**

No. 1401. Vicinity of San Antonio. June 29.

**203754. PASPALUM sp.**

No. 2032. São Leopoldo. Aug. 15.

**203755. PASPALUM UMBROSUM Trin.**

No. 1505. Morro Renta. July 8.

**203756. PASPALUM sp.**

No. 1762. Facultad Agronomía, Pôrto Alegre. July 26.

**203757. PASPALUM sp.**

No. 1329. Near Rosario, Colonia, Uruguay. June 19.

**203758. PASPALUM sp.**

No. 2099. Misiones, Argentina. Aug. 19.

**203759. PASPALUM sp.**

No. 1479. Vicinity of Montenegro. July 3.

**203760. PASPALUM sp.**

No. 1640. São Gabriel.

**203761. PASPALUM sp.**

No. 1470. Near Montenegro. July 3.

**203762. PASPALUM sp.**

No. 1559. Pôrto Alegre. July 11.

**203763. PASPALUM sp.**

No. 1937. Pôrto Alegre. Aug. 15.

**203764. PASPALUM sp.**

No. 1358. Pôrto Alegre. June 26.

**203765. PASPALUM sp.**

No. 1284. National Prison, near Libertad, San José, Uruguay. June 18.

**203766. PASPALUM sp.**

No. 1309. Fourteen km. south of Trinidad, Flores, Uruguay. June 19.

**203767. PASPALUM sp.**

No. 1872. Tôrres. Aug. 6.

**203768. PENNISETUM LATIFOLIUM Spreng. Poaceae.**

No. 1055. Vicinity of Artigas, Uruguay. June 10.

**203769. PENNISETUM PURPUREUM Schumach.****Napier grass.**

No. 2193. Banks of Rio Paraná, Paraná. Aug. 22.

## 203719 to 203801—Continued

203770. *PENNISETUM* sp.

No. 1109. Near Rivera, Uruguay. June 11. Tall tufted perennial.

203771. *PIPTOCHAETIUM* sp. Poaceae.

No. 1532. July 9.

203772. *SETARIA GENICULATA* (Lam.) Beauv. Poaceae.

No. 1563. Vicinity of Pôrto Alegre. July 11.

203773. *SETARIA GLOBULIFERA* (Steud.) Griseb.

No. 1119. Vicinity of Rivera, Uruguay. June 11.

203744 and 203775. *SETARIA VERTICILLATA* (L.) Beauv.

203774. No. 1347. Vicinity of Pôrto Alegre. June 26.

203775. No. 1373. Vicinity of San Antonio. June 29. Tufted perennial.

203776. *SETARIA* sp.

No. 1289. Near Pardonía, Soriano, Uruguay. June 19.

203777. *SORGHASTRUM* sp. Poaceae.

No. 1126. Vicinity of Rivera, Uruguay. June 12.

203778. *SORGHASTRUM* sp.

No. 1133. Vicinity of Rivera, Uruguay. June 12.

203779. *SORGHASTRUM* sp.

No. 2221. Ten km. west of Pelotas. Aug. 28.

203780. *SORGHASTRUM* sp.

No. 1203. Twenty-five km. west of Rivera, Uruguay. June 14.

203781. *SPARTINA* sp. Poaceae.

No. 1341. Near Minas, Uruguay. June 22.

203782. *SPOROBOLUS POIRETII* (Roem. & Schult.) Hitchc. Poaceae.

No. 1245. Near Estanzuela, Uruguay. June 18.

203783. *SPOROBOLUS BRASILIENSIS* (Raddi) Hack.

No. 1022. Vicinity of Artigas, Uruguay. June 9. Tufted perennial.

203784. *SPOROBOLUS* sp.

No. 1116. Vicinity of Rivera, Uruguay. June 11.

203785. *SPOROBOLUS* sp.

No. 1110. Vicinity of Rivera, Uruguay. June 11.

203786. *STENOTAPHRUM* sp. Poaceae.

No. 1872. Tôrres. Aug. 7.

203787. *STIPA PAPPOSA* Nees. Poaceae.

Needlegrass.

No. 1015. Vicinity of Artigas, Uruguay. June 9.

203788. *STIPA* sp.

No. 1635. Pôrto Alegre.

203789. *STIPA* sp.

No. 1286. National Prison, Libertad, San José, Uruguay. June 18.

203790. *STIPA* sp.

No. 1634. Pôrto Alegre.

203791. *STIPA* sp.

No. 1636. São Gabriel.

## 203719 to 203801—Continued

203792 to 203794. *TRICHACHNE INSULARIS* (L.) Nees. Poaceae.

203792. No. 1345. Vicinity of Pôrto Alegre. June 26.

203793. No. 1383. Vicinity of San Antonio. June 29.

203794. No. 1455. Vicinity of Guafba. July 2.

203795. *TRICHACHNE* sp.

No. 1113. Vicinity of Rivera, Uruguay. June 11.

203796. *TRICHACHNE* sp.

No. 1008. Vicinity of Artigas, Uruguay. June 9.

203797 to 203799. *TRICHOLAENA REPENS* (Willd.) Hitchc.

Natal grass.

203797. No. 1147. Near Santa Ana. June 13.

203798. No. 1124. Vicinity of Rivera, Uruguay. June 11.

203799. No. 1344. Vicinity of Pôrto Alegre. June 26.

203800. *TRIDENS* sp. Poaceae.

No. 1032. Artigas Airport, Artigas, Uruguay. June 10.

203801. *TRIODIA BRASILIENSIS* (Nees.) Lindm. Poaceae.

No. 1196. Twenty-five km. west of Rivera, Uruguay. June 14.

## 203802 to 203807.

From the Union of South Africa. Seeds collected by L. C. C. Liebenberg, Department of Agriculture, and J. L. Dougherty, American Embassy, Pretoria, Transvaal. Received Dec. 4, 1952.

From the Fauresmith Veld Reserve, Northern Cape Province and southern Orange Free State.

203802. *ERAGROSTIS SUPERBA* Peyr. Poaceae.

203803. *ERIOCEPHALUS GLABER* Thunb. Asteraceae.

203804. *PENTZIA INCANA* (Thunb.) Kuntze. Asteraceae.

203805. *SELAGO SPECIOSA* Rolfe. Scrophulariaceae.

203806. *SUTHERLANDIA MICROPHYLLA* Burch. Fabaceae.

203807. *TETRAGONIA ARBUSCULA* Fenzl. Aizoaceae.

103808 to 203818. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Ireland. Scions presented by James O'Boyle, Ton-Roe, Killala. Received Feb. 10, 1953.

203808. *Alpine.*

203814. *Keegan's Crab.*

203809. *Ballyfatten.*

203815. *Lord Lamborne.*

203810. *Charles Ross.*

203816. *Scarlet Bramley.*

203811. *Cox's Orange Pippin.*

203817. *Scarlet Crofton.*

203812. *Greasy Pippin.*

203818. *White Crofton.*

203813. *Greenchisel.*

203819. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

From Iowa. Plants growing at the Regional Plant Introduction Station, Ames. Numbered Feb. 10, 1953.

Originally from Mrs. Engen Mangold, Berlin, Germany.

203820. *VIBURNUM KANSUENSE* Batal. Caprifoliaceae.

From Maryland. Plant growing at the United States Plant Introduction Garden, Glenn Dale. Numbered Dec. 8, 1952.

Probably *Yarrow 3734.*

**203821 and 203822.**

From Japan. Seeds presented by the Chiugoku Shikoku Experiment Station, Shikoku. Received Dec. 8, 1952.

203821. *CAMELLIA JAPONICA* L. Theaceae.

203822. *JUGLANS CORDIFORMIS* var. *AILANTIFOLIA* (Carr.) Rehd. Juglandaceae.

**203823 to 203833. PRUNUS spp. Amygdalaceae.**

From England. Plants presented by Hillier & Sons, Winchester. Received Dec. 9, 1952.

203823. *PRUNUS CERASUS* var. *SEMPERFLORENS* Loud.

203824. *PRUNUS CONRADINAE* Koehne.

203825. *PRUNUS JACQUEMONTII* Hook. f.

203826. *PRUNUS LATIDENTATA* Koehne.

203827. *PRUNUS LUSITANICA* L.

Portugal-laurel.

*Variegata.*

203828. *PRUNUS MAXIMOWICZII* Rupr.

203829. *PRUNUS LITIGIOSA* Schneid.

203830. *PRUNUS PILOSIUSCULA* var. *MEDIA* Koehne.

203831. *PRUNUS PLEIOCERASUS* Koehne.

203832. *PRUNUS PSEUDOCERASUS* Lindl.

203833. *PRUNUS CERASUS* var. *SEMPERFLORENS* Loud.

**203834 to 203897.**

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 9, 1952.

Collected in 1952; unless otherwise noted, collected in Rio Grande do Sul, Brazil.

203834. *ANDROPOGON MICROSTACHYUS* Desv. Poaceae.

No. 1445. Vicinity of Guaíba. July 2.

203835 to 203838. *ANDROPOGON CONDENSATUS* H. B. K.

203835. No. 1478. Vicinity of Montenegro. July 3. Tufted perennial.

203836. No. 1557. July 11.

203837. No. 1586. Near Belem Novo, 20 km. south of Pôrto Alegre. July 13.

203838. No. 1648. Hills east of Pôrto Alegre. July 15.

203839. *ANDROPOGON* sp.

No. 1950. São Leopoldo. Aug. 15. Tufted perennial.

203840. *AGROSTIS BREVICULMIS* Hitch. Poaceae.

No. 355. Lago Futalaufquén, Chubut, Argentina. Mar. 30.

203841. *AGROSTIS LEPTOTRICHIA* Desv.

No. 234. Lago Futalaufquén, Chubut, Argentina. Mar. 8.

203842 and 203843. *ARISTIDA CIRCINALIS* Lindm. Poaceae.

203842. No. 1475. Near Montenegro. July 3.

203843. No. 1490. Near Guaíba. July 7. Tufted perennial.

203844. *AXONOPUS COMPRESSUS* (Sw.) Beauv. Poaceae.

No. 1283. National Prison near Libertad, San José, Uruguay. June 18.

203845. *AXONOPUS COMPRESSUS* var. *JESUITICA* Avila de Araujo.

No. 1465. Vicinity of Montenegro. July 3.

## 203834 to 203897—Continued

203846. *AXONOPUS* sp.

No. 1976. São Leopoldo. Aug. 15.

203847. *BRACHIARIA PLATYPHYLLA* (Griseb.) Nash. Poaceae.

No. 1573. Near Belem Novo, 20 km. south of Pôrto Alegre. July 13.

203848. *CALAMAGROSTIS LONGEARISTATA* (Wedd.) Hack. Poaceae.

No. 1499. Vicinity of Guaíba. July 7.

203849. *CALAMAGROSTIS VIRIDI-FLAVESCENS* (Poir.) Steud.

No. 1820. São Gabriel. July 31.

203850. *CHLORIS CARIBAEA* Spreng. Poaceae.

No. 114. Vicinity of Rivera, Uruguay. June 1.

203851. *CHLORIS GAYANA* Kunth.

Rhodes grass.

No. 1545. Vicinity Escuela Agronomía. July 1.

203852. *CHLORIS POLYDACTYLA* (L.) Swartz.

No. 1507. July 8.

203853. *CHLORIS RADIATA* (L.) Swartz.

No. 1498. Vicinity of Guaíba. July 7.

203854. *CHLORIS* sp.

No. 2235. Ten km. west of Pelotas. Aug. 28.

203855. *DANTHONIA* sp. Poaceae.

No. 338. Lago Futalaufquén, Chubut, Argentina. Mar. 30.

203856. *DANTHONIA* sp.

No. 190. Dry hillsides east of Esquel, Chubut, Argentina. Mar. 7.

203857. *DIGITARIA* sp. Poaceae.

No. 1464. Vicinity of Montenegro. July 3.

203858 to 203860. *ELYMUS AGROPYROIDES* Presl. Poaceae.

203858. No. 232. Futalaufquén, Chubut, Argentina. Mar. 3. Perennial.

203859. No. 191. Hills east of Esquel, Chubut, Argentina. Mar. 7.

203860. No. 292. Lago Futalaufquén, Chubut, Argentina. Mar. 28. Perennial.

203861. *ERAGROSTIS EXPANSA* Link. Poaceae.

No. 1477. Vicinity of Montenegro. July 3.

203862. *ERAGROSTIS FLACCIDA* Lindm.

No. 1453. Vicinity of Guaíba. July 2.

203863. *ERAGROSTIS NEESII* Trin.

No. 1438. Near Guaíba. July 2.

203864. *SPOROBOLUS POIRETII* (Roem. & Schult.) Hitchc. Poaceae.

No. 2144. Iguassú, Paraná. Aug. 20.

203865. *GYMNOPOGON BIFLORUS* Pilger. Poaceae.

No. 1476. Vicinity of Montenegro. July 3. Tufted perennial.

203866. *HOLCUS LANATUS* L. Poaceae.

No. 213. Banks of small stream running through town of Esquel, Chubut, Argentina. Mar. 3. Perennial.

203867. *HORDEUM* sp. Poaceae.

Barley.

No. 237. Futalaufquén, Chubut, Argentina. Mar. 8.

**203834 to 203897—Continued**

- 203686.** *PANICUM MAXIMUM* Jacq. Poaceae. Guinea grass.  
No. 1716. Near Montenegro. July 24.
- 203869.** *PANICUM POLYGONATUM* Schrad.  
No. 1496. Vicinity of Guafba. July 7.
- 203870.** *PANICUM SELLOWII* Nees.  
No. 1518. Near Caixas. July 8.
- 203871.** *PANICUM TRICHANTHUM* Nees.  
No. 1686. July 22.
- 203872.** *PANICUM* sp.  
No. 1390. Vicinity of San Antonio. June 29.
- 203873 and 203874.** *PASPALUM CONJUGATUM* Berg. Poaceae.  
203873. No. 1449. Near Guafba. July 2.  
203874. No. 1730. Near Montenegro. July 24.
- 203875.** *PASPALUM DILATATUM* Poir. Dallis grass.  
No. 1447. Vicinity of Guafba. July 2.
- 203876.** *PASPALUM INAEQUIVALVE* Raddi.  
No. 1374. Vicinity of San Antonio. June 29.
- 203877 and 203878.** *PASPALUM JURGENSII* Hack.  
203877. No. 1435. Near Guafba. July 2.  
203878. No. 1517. Near Caixas. July 8.
- 203879.** *PASPALUM MANDIOCANUM* Trin.  
No. 1520. Vicinity of Caixas. July 8. Tufted perennial.
- 203880.** *PASPALUM NOTATUM* Fluegge. Bahia grass.  
No. 1474. Near Montenegro. July 3.
- 203881.** *PASPALUM PLICATULUM* Michx.  
No. 1958. Pôrto Alegre. Aug. 15. Tufted perennial.
- 203882.** *PASPALUM UMBROSUM* Trin.  
No. 1392. Vicinity of San Antonio. June 29.
- 203883.** *PASPALUM* sp.  
No. 1688. July 22.
- 203884.** *PENNISETUM LATIFOLIUM* Spreng. Poaceae.  
No. 1729A. Near Montenegro. July 24.
- 203885.** *PHARUS GLABER* H. B. K. Poaceae.  
No. 1712. Near Montenegro. July 24.
- 203886.** *Poa* sp. Poaceae.  
No. 360. North of Lago Futalaufquén, Chubut, Argentina. Mar. 30.
- 203887.** *POLYPOGON ELONGATUS* H. B. K. Poaceae.  
No. 73. Southeast of Cañadón León, south of Río Chico, Santa Cruz, Argentina. Feb. 28.
- 293888.** *RELCHELA PANICOIDES* Steud. Poaceae.  
No. 330. Lago Verde, Chubut, Argentina. Mar. 29.
- 203889.** *SETARIA* sp. Poaceae.  
No. 1719. Near Montenegro. July 24.

**203834 to 203897—Continued**

203890. *SORGHUM ALMUM* Parodi. Poaceae.

No. 280. Facultad Agronomía, Buenos Aires, Argentina. Mar. 18. Perennial.

203891 to 203893. *SPOROBOLUS POIRETHII* (Roem. & Schult.) Hitchc. Poaceae.

203891. No. 1349. Vicinity of Pôrto Alegre. June 26.

203892. No. 1395. Vicinity of San Antonio. June 20. Tufted perennial.

203893. No. 1451. Near Guafba. July 2.

203894. *SPOROBOLUS PYRAMIDALIS* Beauv.

No. 1572. Twenty km. south of Pôrto Alegre. July 13. Tufted perennial.

203895. *STENOTAPHRUM* sp. Poaceae.

No. 1539. Escuela Agronomía. July 11.

203896. *STENOTAPHRUM* sp.

No. 1346. Vicinity of Pôrto Alegre. June 26.

203897. *TRISETUM SPICATUM* (L.) Richter. Poaceae.

No. 366. Rivadavia range, Chubut, Argentina. Mar. 30.

203898. *MALUS SYLVESTRIS* Mill. Malaceae.

**Apple.**

From Australia. Scions presented by the Department of Agriculture, Sydney, New South Wales. Received Aug. 17, 1949; plants numbered in December 1952.

*Legana.*

203899 to 203906. *SOLANUM TUBEROSUM* L. Solanaceae.

**Potato.**

From the Netherlands. Tubers presented by Dr. Ir. C. Mastenbroek, Veredelingsbedrijf Central Bureau, Hoofddorp. Received Dec. 9, 1952.

203899. CB 4414-2.

203903. CB 4739-58.

203900. CB 4431-5.

203904. CB 43154-5.

203901. CB 4651-2.

203905. CB 44158-4.

203902. CB 4737-33.

203906. CB 46174-30.

203907. *BOOPHONE* sp. Amaryllidaceae.

From the Union of South Africa. Bulbs collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 9, 1952.

No. 1275. On Gifberg cliffs, near Van Rhynsdorp, Cape Province. Nov. 23, 1952.

203908 to 203949.

From Mexico and California. Seeds and roots collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 10, 1952.

Unless otherwise stated, material was received as seeds and was collected in Mexico in 1952.

203908. *CUCURBITA MOSCHATA* Duchesne. Cucurbitaceae.

**Cushaw.**

No. 12196. Market, Comitán, Chiapas. Sept. 20.

203909. *DIOSCOREA* sp. Dioscoreaceae.

No. 12174. Cerro Juárez, 15 miles west of Ocozocoautla, Chiapas. Sept. 15.

203910. *DIOSCOREA* sp.

No. 12317. Apatzingán, Michoacán. (Roots.)

203911. *JULIANIA* sp. Julianiaceae.

No. 12318. Apatzingán, Michoacán.



**203908 to 203949—Continued**

- 203912.** *MANFREDA* sp. *Amaryllidaceae*.  
No. 12065. Market, Oaxaca, Oaxaca.
- 203913.** *PHALARIS CANARIENSIS* L. *Poaceae*. **Canary grass.**  
No. 12291. Twenty-four km. northeast of Tehuacán, Puebla, along road to Veracruz. Oct. 16.
- 203914 to 203930.** *PHASEOLUS VULGARIS* L. *Fabaceae*. **Common bean.**  
**203914 to 203921.** Market, Oaxaca, Oaxaca. Sept. 10.  
    **203914.** No. 12142. **203918.** No. 12146.  
    **203915.** No. 12143. **203919.** No. 12147.  
    **203916.** No. 12144. **203920.** No. 12148.  
    **203917.** No. 12145. **203921.** No. 12149.  
**203922.** No. 12197. Comitán, Chiapas. Sept. 20.  
**203923.** No. 12198. Market, Comitán, Chiapas. Sept. 20.  
**203924.** No. 12199. Market, Comitán, Chiapas. Sept. 20.  
**203925.** No. 12214. Market, Tuxtla Gutiérrez, Chiapas. Sept. 25.  
**203926.** No. 12215. Tuxtla Gutiérrez, Chiapas. Sept. 25.  
**203927.** No. 12216. Market, Tuxtla Gutiérrez, Chiapas. Sept. 25.  
**203928 to 203930.** Market, Pachuca, Hidalgo. Oct. 18.  
    **203928.** No. 12296.  
    **203929.** No. 12297.  
    **203930.** No. 12298.
- 203931.** *PHASEOLUS COCCINEUS* L. **Scarlet runner bean.**  
No. 12299.
- 203932 to 203938.** *PHASEOLUS VULGARIS* L. **Common bean.**  
Market, Pachuca, Hidalgo. Oct. 18.  
    **203932.** No. 12300. **203936.** No. 12305.  
    **203933.** No. 12302. **203937.** No. 12307.  
    **203934.** No. 12304. **203938.** No. 12308.  
    **203935.** No. 12306.
- 203939.** *PHYLLANTHUS* sp. *Euphorbiaceae*.  
No. 12159. Tehuantepec, Oaxaca. Sept. 11.
- 203940.** *PHYSALIS* sp. *Solanaceae*.  
No. 12212. Nine miles northeast of Tuxtla Gutiérrez, Chiapas. Sept. 25.
- 203941.** *PHYSALIS* sp.  
No. 12154. Road to Tehuantepec, Oaxaca. Sept. 11.
- 203942.** *PHYSALIS* sp.  
No. 12313. Near Carapan, Michoacán. Oct. 21.
- 203943.** *PHYSALIS* sp.  
No. 12211. Ten miles northeast of Tuxtla Gutiérrez, Chiapas. Sept. 25.
- 203944.** *PISUM SATIVUM* L. *Fabaceae*. **Pea.**  
No. 12301. Market in Pachuca, Hidalgo. Oct. 18.
- 203945.** *PRUNUS* sp. *Amygdalaceae*.  
No. 11980. Near Sage, north of Aguanga, Calif.

**203908 to 203949—Continued**203946. *YUCCA WHIPPLEI* Torr. Liliaceae.

No. 12329. Three miles east of Murrieta, Calif. Nov. 6. Single, narrow-leaved rosette.

203947 to 203949. *ZEA MAYS* L. Poaceae.**Corn.**

203947. No. 12295. Market in Pachuca, Hidalgo. Oct. 18.

203948. No. 12050. Market, Oaxaca. Aug. 27.

203949. No. 12138. Market Oaxaca. September.

203950. *SORGHUM VULGARE* Pers. Poaceae.

From Mexico. Seeds presented by D. A. Savage, Mexico, D. F. Received Dec. 19, 1952.

203951. *COIX LACRYMA-JOBI* var. *MA-YUEN* (Romanet) Stapf.

Poaceae.

**Adlay.**

From Brazil. Seeds presented by Reimar v. Schaaffhausen, Santo Amaro, São Paulo. Received Dec. 10, 1952.

Dwarf type.

203952. *URGINEA BURKEI* Baker. Liliaceae.

From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Received Dec. 10, 1952.

203953. *DIOSCOREA* sp. Dioscoreaceae.

From the Union of South Africa. Tubers presented by Scherag (Pty.) Ltd., Johannesburg, Transvaal. Received Dec. 15, 1952.

20 X.

203954 and 203955. *ORYZA SATIVA* L. Poaceae.**Rice.**

From Jamaica. Seeds presented by James F. Gore, Half Way Tree. Received Dec. 15, 1952.

203954. *Buffalo*.203955. *Sereno*.

203956 and 203957.

From Morocco. Seeds presented by G. Grillot, Agronomic Research Service, Rabat. Received Dec. 15, 1952.

203956. *HORDEUM BULBOSUM* L. Poaceae.**Barley.**203957. *TRIFOLIUM FRAGIFERUM* L. Fabaceae.**Strawberry clover.**203958. *PHASEOLUS VULGARIS* L. Fabaceae.**Common bean.**

From New York. Seeds presented by T. L. York, Cornell University, Ithaca. Received Dec. 15, 1952.

Originally collected in Mexico by Oliver Norvell, No. 203. Seeds black, flattened; pods and stems marked with purple. Season late. Strong resistance to dry root rot (*Fusarium solani* f. *phaseoli*.)203959 to 203973. *SACCHARUM*. Poaceae.**Sugarcane.**

From the Canal Zone. Cuttings presented by Jack L. Dean, Meridian, Miss. Received Dec. 15, 1952.

203959. C. Z. 1-52; Q50 × C. P. 43-47

203960. C. Z. 1A-52; Q50 × C. P. 43-47.

203961. C. Z. 2-52; P. O. J. 2714 × C. P. 43-47.

203962. C. Z. 3-52; B. 37161 × Co. 290.

203963. C. Z. 4-52; F. 36-819 × Co. 290.

**203959 to 203973—Continued**

203964. *C. Z.* 5-52; *F.* 31-962  $\times$  *F.* 36-819.  
 203965. *C. Z.* 5A-52; *F.* 31-962  $\times$  *F.* 36-819.  
 203966. *C. Z.* 6-52; *F.* 36-819  $\times$  *F.* 31-962.  
 203967. *C. Z.* 7-52; *B.* 44341  $\times$  *C. P.* 34-79.  
 203968. *C. Z.* 8-52; 96 *N. G.* 16  $\times$  *C. P.* 34-79.  
 203969. *C. Z.* 9-52; *Wit Ceram*  $\times$  *C. P.* 34-79.  
 203970. *C. Z.* 10-52; 32 *M. Q.* 629  $\times$  *F.* 36-819.  
 203971. *C. Z.* 11-52; *B.* 4362  $\times$  *F.* 36-819.  
 203972. *C. Z.* 11A-52; *B.* 4632  $\times$  *F.* 36-819.  
 203973. *C. Z.* 12-52; *F.* 36-819 (selfed).

**203974 to 203979. CUCUMIS spp. Cucurbitaceae.**

From Washington. Seeds held at the Regional Plant Introduction Station, Pullman. Numbered Dec. 15, 1952.

Originally from South Africa; obtained through the Agricultural Experiment Station, Pullman.

203974. *CUCUMIS AFRICANUS* L. f.  
 203975. *CUCUMIS FIGAREI* var. *ECHINOPHORUS* Naud.  
 203976. *CUCUMIS MELO* L.  
 203977. *CUCUMIS* sp.

Muskmelon.

Received as *C. myriocarpus*, but the seeds are not of that species.

203978. *CUCUMIS* sp.

Received as *C. metuliferus*, but the seeds are not of that species.

203979. *CUCUMIS* sp.

*Crystal Apple*. Somewhat resistant to curly top.

**203980. ALLIUM SATIVUM L. Liliaceae.**

Garlic.

From Turkey. Bulbs collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 15, 1952.

From bazar, Kayseri. Aug. 30, 1952.

**203981. QUERCUS sp. Fagaceae.**

Oak.

From Mexico. Seeds collected by H. S. Gentry, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 15, 1952.

From 7 miles east of Jacala, Hidalgo. Oct. 12, 1952.

**203982 to 204068. TRITICUM AESTIVUM L. Poaceae. Common wheat.**

From Portugal. Seeds presented by J. C. Pinheiro, Estação De Melhoramento De Plantas, Elvas. Received Dec. 15, 1952.

203982. No. 2520. *Tremes Preto*.  
 203983. No. 2525. *Preto Amarelo*.  
 203984. No. 2587. *Mocho de Espiga Branca*.  
 203985. No. 2676. *Almadense*, 2709.  
 203986. No. 2683. *Mocho Cabecudo*, 9096.  
 203987. No. 2687. *Alentejano*, 2710.  
 203988. No. 2688. *Eborensense*, 2720.  
 203989. No. 2693. *Galego Rapado*, 12752.

## 203982 to 204068—Continued

203990. No. 2695. *Mocho de Espiga Ruivo*, 11576A.  
203991. No. 2699. *Da Grecia*, 5796.  
203992. No. 2701. *Barbela A*, 2063.  
203993. No. 2713. *Magueija*, 3279.  
203994. No. 2723. *Da Maia*, 9944.  
203995. No. 2724. *Mole Algarvio*, 9012.  
203996. No. 2725. *Portugues*, 2095.  
203997. No. 2730. *Ribeiro*, 6042.  
203998. No. 2731. *Sacho*, 5625.  
203999. No. 2737. *Tremes Branco*, 8189.  
204000. No. 2738. *Tremes de Tavira*, 2610.  
204001. No. 2741. *Da Grecia Ruivo*, 2650.  
204002. No. 2748. *Galego Barbado*, 2201.  
204003. No. 2753. *Ideal*, 9419.  
204004. No. 2761. *Precoce*, 2588.  
204005. No. 2777. *Temporão de Coruche*, 2578.  
204006. No. 2782. *Tremes Ruivo*, 2073.  
204007. No. 2789. *Viloso Mole*, 8166.  
204008. No. 2790. *Poveiro*, 11784.  
204009. No. 2793. *Branco*, 2270.  
204010. No. 2797. *Cascalve*, 9618.  
204011. No. 2800. *Novo*, 6357.  
204012. No. 2801. *Canoco*, 2259.  
204013. No. 2804. *Argelino*, 10990.  
204014. No. 2809. *Canoco de Grao Escuro*, 2271.  
204015. No. 2810. *Rubião*, 2267.  
204016. No. 2814. *Rubião de Barba Preta*, 8715.  
204017. No. 2817. *Alentejo*, 8694.  
204018. No. 2819. *Sicilio*, 7096.  
204019. No. 2823. *Pombinho*, 6358.  
204020. No. 2827. *Vermelho de Barba Preta*, 6286.  
204021. No. 2830. *Aza de Corvo*, 5279.  
204022. No. 2831. *Barba de Lobo*, 2536.  
204023. No. 2833. *Dezassete*, 2621.  
204024. No. 2834. *Caxudo*, 8646.  
204025. No. 2835. *Candial*, 2314.  
204026. No. 2837. *Lobeiro*, 2471.  
204027. No. 2841. *Russo*, 10812.  
204028. No. 2844. *Amarelo de Barba Branca*, 12552.  
204029. No. 2847. *Candial de Grão Escuro*, 2537.  
204030. No. 2850. *Lobeiro de Grão Escuro*, 7808.  
204031. No. 2852. *Tremes Rijo*, 2496.  
204032. No. 2854. *Durazio Rijo Glabro*, 4577.  
204033. No. 2863. *Marques*, 9197.

**203982 to 204068—Continued**

204034. No. 2865. *Pragana Preta*, 7124.  
 204035. No. 2869. *Santa Marta*.  
 204036. No. 2870. *Lobeiro Ruivo*, 10971 A.  
 204037. No. 2874. *Vermelho Fino*, 3497.  
 204038. No. 2875. *Vermelejoilo*, 2462.  
 204039. No. 2882. *Mongia*, 3799.  
 204040. No. 2883. *Mongia de Grão Escuro*, 8899.  
 204041. No. 2884. *Mourisco Fino*, 4364.  
 204042. No. 2886. *Mourisco Preto*, 7128.  
 204043. No. 2887. *Preto Algarvio*, 10026.  
 204044. No. 2888. *Verdeal Rijo*, 5113.  
 204045. No. 2893. *Mourisco Preto de Grão Escuro*, 11631.  
 204046. No. 2899. *Mourisco Ruivo*, 11657.  
 204047. No. 2901. *Amarelo de Barba Preta*, 2846.  
 204048. No. 2904. *Anafil Claro*, 3291.  
 204049. No. 2911. *Alexandre*, 10991.  
 204050. No. 2912. *Anafil Escuro*, 2337.  
 204051. No. 2915. *Durazio Molar*, 9120.  
 204052. No. 2917. *Raspinegro*, 2309.  
 204053. No. 2920. *Espanhol*, 5121.  
 204054. No. 2924. *Marroquino Preto*, 2432.  
 204055. No. 2927. *Raposinho*, 5185.  
 204056. No. 2928. *Escuro*, 6141.  
 204057. No. 2929. *Javardo*, 2424.  
 204058. No. 2930. *Javardo Glauco*.  
 204059. No. 2972. *A Raiano*.  
 204060. No. 2973. *Lusitano*.  
 204061. No. 2974. *A Peninsular*.  
 204062. No. 2976. *A Condestavel*.  
 204063. No. 2977. *A Gil Vaz*.  
 204064. No. 2978. *A Moreno*.  
 204065. No. 2979. *A Sagres*.  
 204066. No. 2980. *A Amarelejo*.  
 204067. No. 2981. *A Salvador*.  
 204068. No. 3816. *Pirana*.

**204069. PENNISETUM CLANDESTINUM Hochst. Poaceae.**

From the Union of South Africa. Stolons collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 16, 1952.

No. 1279. Near Dutoitskloof Pass in Drakenstein Mountains, between Paarl and Worcester, Cape Province. Nov. 28, 1952.

**204070. PHALARIS TUBEROSA L. Poaceae.**

From Jordan. Seeds presented by the Hashemite Kingdom of the Jordan, Department of Forests, Amman. Received Dec. 16, 1952.

## 204071 to 204125.

From Cyprus. Seeds presented by the Director of Agriculture, Nicosia. Received Dec. 17, 1952.

204071. *HEDYSARUM* sp. Fabaceae.

C-52-78.

204072. *HORDEUM BULBOSUM* L. Poaceae.

**Barley.**

C-52-93.

204073. *HYPARRHENIA HIRTA* (L.) Stapf. Poaceae.

C-52-97.

204074. *LATHYRUS* sp. Fabaceae.

C-52-19.

204075. *LATHYRUS* sp.

C-52-50.

204076. *LATHYRUS* sp.

C-52-67.

204077. *LATHYRUS* sp.

C-52-68.

204078. *LATHYRUS* sp.

C-52-82.

204079. *LATHYRUS* sp.

C-52-83.

204080 to 204089. *LOLIUM PERENNE* L. Poaceae.

**Perennial ryegrass.**

204080. C-51-6.

204085. C-51-11.

204081. C-51-7.

204086. C-51-14.

204082. C-51-8.

204087. C-51-17.

204083. C-51-9.

204088. C-51-19.

204084. C-51-10.

204089. C-51-161.

204090. *LOLIUM RIGIDUM* Gaud.

C-52-41.

204091. *TETRAGONOLOBUS PURPUREUS* Moench. Fabaceae.

C-52-57.

204092. *LOTUS ULIGINOSUS* Schkuhr. Fabaceae.

**Big trefoil.**

C-52-91.

204093. *LOTUS* sp.

C-52-44.

204094. *MEDICAGO CILIARIS* (L.) All. Fabaceae.

C-52-79.

204095. *MEDICAGO HISPIDA* Gaertn.

**Burclover.**

C-52-77.

204096. *MEDICAGO OBSCURA* Retz.

C-52-34.

204097. *MEDICAGO* sp.

C-52-35.

**204071 to 204125—Continued**

204098. *MEDICAGO* sp.  
C-52-81.
- 204099 to 204101. *MELILOTUS INDICA* (L.) All. Fabaceae. Sweetclover.  
204099. C-52-54.  
204100. C-52-56.  
204101. C-52-75.
- 204102 to 204104. *MELILOTUS SULCATA* Desf.  
204102. C-52-1.  
204103. C-52-37.  
204104. C-52-46.
204105. *MELILOTUS* sp.  
C-51-26.
204106. *MELILOTUS* sp.  
C-52-46.
204107. *MELILOTUS* sp.  
C-52-84.
204108. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.  
C-52-32.
- 204109 and 204110. *ORYZOPSIS MILIACEA* (L.) Benth. & Hook.  
204109. C-52-3.  
204110. C-52-58.
204111. *PHALARIS TUBEROSA* L. Poaceae.  
C-52-62.
204112. *PISUM SATIVUM* L. Fabaceae. Pea.  
C-52-16.
204113. *SCORPIURUS SULCATA* L. Fabaceae.  
C-52-36.
204114. *SORGHUM HALEPENSE* (L.) Pers. Poaceae. Johnson grass.  
C-52-95.
204115. *TRIFOLIUM* sp. Fabaceae.  
C-52-94.
204116. *VICIA NARBONENSIS* L. Fabaceae.  
C-51-96.
- 204117 to 204123. *VICIA SATIVA* L. Common vetch.  
204117. C-51-91. 204121. C-52-70.  
204118. C-52-49. 204122. C-52-85.  
204119. C-52-66. 204123. C-52-92.  
204120. C-52-69.
204124. *VICIA* sp.  
C-52-59.
204125. *VICIA* spp.  
(Mixture.)

## 204126 to 204303.

From South America. Seeds collected by Alan A. Beetle, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 18, 1952.

Collected in 1952; unless otherwise noted, collected in Rio Grande do Sul, Brazil.

204126. *AGROSTIS MONTEVIDENSIS* Spreng. Poaceae.

No. 1086. Vicinity of Rivera, Uruguay. June 11.

204127. *ALOPECURUS ANTARCTICUS* Vahl. Poaceae.

No. 417. Lago Kruger, Chubut, Argentina. Mar. 31.

204128. *ANDROPOGON BARBINODIS* Lag. Poaceae.

No. 554. La Carlota, Córdoba, Argentina. Apr. 20.

204129 to 204131. *ANDROPOGON CONDENSATUS* H. B. K.

204129. No. 557. Río Cuarto, Córdoba, Argentina. Apr. 20.

204130. No. 1038. Vicinity of Artigas, Uruguay. June 10. Tufted perennial.

204131. No. 1088. Vicinity of Rivera, Uruguay. June 11. Tufted perennial.

204132. *ANDROPOGON LATERALIS* var. *INCANUS* (Hack.) Henr.

No. 2220. Ten km. west of Pelotas. Aug. 28.

204133. *ANDROPOGON SACCHAROIDES* Swartz.

No. 978. Punta Brava, Montevideo, Uruguay. May 7.

204134 to 204136. *ANDROPOGON FELLOANUS* Hack.

204134. No. 1019. Vicinity of Artigas, Uruguay. June 9. Short, tufted perennial.

204135. No. 1099. Vicinity of Rivera, Uruguay. June 11.

204136. No. 1538. July 11.

204137. *ANDROPOGON TENER* Kunth.

No. 1020. Artigas Airport, Artigas, Uruguay. June 9. Short tufted perennial.

204138. *ANDROPOGON BARBINODIS* Lag.

No. 1829. Ten km. southeast of Uruguaiana. Aug. 1.

204139. *ANDROPOGON* sp.

No. 1885. Aug. 6.

204140. *ANDROPOGON* sp.

No. 1771. São Gabriel. July 29. Tufted perennial.

204141. *ANDROTRICHUM MONTEVIDENSE* (Link) Barros. Cyperaceae.

No. 1849. Aug. 6.

204142. *ANGELONIA INTEGERRIMA* Spreng. Scrophulariaceae.

No. 1932. Pôrto Alegre. Aug. 15. Perennial.

204143 and 204144. *ARISTIDA ADSCENSIONIS* L. Poaceae.

204143. No. 558. Río Cuarto, Córdoba, Argentina. Apr. 20.

204144. No. 621. San Juan, Argentina. Apr. 24.

204145 and 204146. *ARISTIDA CIRCINALIS* Lindm.

204145. No. 1018. Vicinity of Artigas, Uruguay. June 9. Tufted perennial.

204146. No. 1809. Twenty km. southeast of São Gabriel. July 31.

204147. *ARISTIDA MURINA* Cav.

No. 1315. Florida, Uruguay. June 9. Tufted perennial.



**204126 to 204303—Continued**

**204148.** *AXONOPUS AFFINIS* Chase. Poaceae.

No. 1300. Fourteen km. south of Trinidad, Flores, Uruguay. June 19.

**204149.** *AXONOPUS ARGENTINUS* Parodi.

No. 1190. Twenty km. west of Rivera, Uruguay. June 14.

**204150.** *AXONOPUS SUFFULTUS* (Trin.) Parodi.

No. 1838. Experiment station southeast of town of Uruguaiana. Aug. 1.

**204151.** *AXONOPUS* sp.

No. 2019. East bank of Rio Paraná at Iguassú, Paraná, Brazil. Aug. 17.

**204152.** *BEGONIA* sp. Begoniaceae.

No. 2062. Paraná, Brazil. Aug. 18.

**204153.** *BEGONIA* sp.

No. 2064. Paraná, Brazil. Aug. 18.

**204154 and 204155.** *BOUTELOUA MEGAPOTAMICA* (Spreng.) Kuntze. Poaceae.

**204154.** No. 1054. Vicinity of Artigas, Uruguay. June 10.

**204155.** No. 1215. Canelones, Uruguay. June 8.

**204156.** *BRIZA* sp. Poaceae.

No. 1902. Aug. 7. Tufted perennial.

**204157.** *BROMUS CATHARTICUS* Vahl. Poaceae.

Rescue grass.

No. 977. Punta Brava, Montevideo, Uruguay. June 7.

**204158.** *CAJANUS CAJAN* (L.) Druce. Fabaceae.

Pigeonpea.

No. 1786. Experiment station near airport, São Gabriel. July 30.

**204159 to 204161.** *CALAMAGROSTIS VIRIDI-FLAVESCENS* (Poir.) Steud. Poaceae.

**204159.** No. 1023. Vicinity of Artigas, Uruguay. June 9.

**204160.** No. 1103. Vicinity of Rivera, Uruguay. June 11.

**204161.** No. 1228. Maldonado, Uruguay. June 8.

**204162.** *CANNA* sp. Cannaceae.

No. 2061. Parque Nacional, Iguassú, Brazil. Aug. 18.

**204163.** *CHLORIS ARGENTINA* (Hack.) Lillo & Parodi. Poaceae.

No. 560. Río Cuarto, Córdoba, Argentina. Apr. 20.

**204164.** *CHLORIS CANTERAI* Arech.

No. 1024. Vicinity of Artigas, Uruguay. June 9. Tufted perennial.

**204165.** *CHLORIS GAYANA* Kunth.

Rhodes grass.

No. 1050. Vicinity of Artigas, Uruguay. June 10. Perennial.

**204166.** *CHLORIS POLYDACTYLA* (L.) Swartz.

No. 1833. Aug. 1.

**204167.** *CHLORIS GAYANA* Kunth.

Rhodes grass.

No. 1235. Mouth of Rio Santa Lucia, San José, Uruguay.

**204168.** *CHLORIS PETRAEA* Thunb.

No. 992. Punta Brava, Montevideo, Uruguay. June 7. Tufted perennial.

**204169.** *CHLORIS* sp.

No. 570. San Luis, Argentina. Apr. 21.

**204170.** *CHLORIS* sp.

No. 1212. Near Pando, Canelones, Uruguay. June 8.

## 204126 to 204303—Continued

204171. *CHLORIS* sp.

No. 1853. Aug. 6.

204172. *CHLORIS PYCNOTHRIX* Trin.

No. 2183. Banks of Rio Paraná, Iguassú, Brazil. Aug. 22.

204173 to 204175. *CYNODON DACTYLON* (L.) Pers. Poaceae. **Bermuda grass.**

204173. No. 680. Villavicencio, Mendoza, Argentina. Apr. 22.

204174. No. 933. La Germania Seed Farm, Santa Fe, Argentina. May 15.

204175. No. 1874. July 8.

204176. *DESCHAMPSIA CAESPITOSA* (L.) Beauv. Poaceae. **Tufted hair-grass.**

No. 414. Lago Kruger, Chubut, Argentina. Mar. 31.

204177. *DISTICHLIS SPICATA* (L.) Greene. Poaceae.

No. 576. Mendoza, Argentina. Apr. 21.

204178. *DIGITARIA* sp. Poaceae.

No. 1087. Vicinity of Rivera, Uruguay. June 11. Tufted perennial.

204179. *DIGITARIA* sp.

No. 2190. Banks of Rio Paraná, Iguassú, Paraná, Brazil. Aug. 22. Tufted perennial.

204180. *ECHINOCHLOA COLONUM* (L.) Link. Poaceae.

No. 945. La Germania Seed Farm, Santa Fe, Argentina. May 15.

204181. *ECHINOCHLOA CRUS-PAVONIS* (H. B. K.) Schult.

No. 606. Road from Mendoza to San Juan, Argentina. Apr. 24.

204182. *ELEUSINE TRISTACHYA* Lam. Poaceae.

No. 959. La Germania Seed Farm, Santa Fe, Argentina. May 16.

204183. *ELYMUS AGROPYROIDES* Presl. Poaceae.

No. 424. Lago Kruger, Chubut, Argentina. Mar. 31.

204184. *ERAGROSTIS AIROIDES* Nees. Poaceae.

No. 1775. São Gabriel. July 29.

204185. *ERAGROSTIS BAHIENSIS* Schrad.

No. 1097. Vicinity of Rivera, Uruguay. June 11.

204186. *ERAGROSTIS EXPANSA* Link.

No. 1835. Aug. 1.

204187 and 204188. *ERAGROSTIS FLACCIDA* Lindm.

204187. No. 562. Río Cuarto, Córdoba, Argentina. Apr. 20.

204188. No. 922. La Germania Seed Farm, Santa Fe, Argentina. May 15.

204189 and 204190. *ERAGROSTIS LUGENS* Nees.

204189. No. 1026. Vicinity of Artigas, Uruguay. June 9.

204190. No. 1106. Vicinity of Rivera, Uruguay. June 11.

204191 and 204192. *ERAGROSTIS NEESII* Trin.

204191. No. 1025. Vicinity of Artigas, Uruguay. June 9.

204192. No. 1108. Vicinity of Rivera, Uruguay. June 11.

204193. *ERAGROSTIS POLYTRICHA* Nees.

No. 1547. Vicinity of Pôrto Alegre. July 11.

204194. *ERAGROSTIS TRICHOCOLEA* Hack. & Arech.

No. 1213. Near Pando, Canelones, Uruguay. June 8. Tufted perennial.

**204126 to 204303—Continued**

**204195.** *ERAGROSTIS* sp.

No. 1854. Aug. 6.

**204196.** *ERAGROSTIS* sp.

No. 1906. Aug. 7.

**204197.** *ERAGROSTIS* sp.

No. 2220. Instituto de Agricultura. Aug. 28. Tufted perennial.

**204198.** *ERIANTHUS* sp. Poaceae.

No. 1101. Vicinity of Rivera, Uruguay. June 11.

**204199.** *HETEROPOGON CONTORTUS* (L.) Beauv. Poaceae.

No. 703. San Luis, Argentina. Apr. 25. Tufted perennial.

**204200.** *HORDEUM COMOSUM* Presl. Poaceae.

**Barley.**

No. 483. One hundred km. south of Esquel, Chubut, Argentina. Apr. 5.

**204201.** *HORDEUM NODOSUM* L.

No. 627. Mendoza, Argentina. Apr. 24.

**204202.** *HORDEUM* sp.

No. 929. La Germania Seed Farm, Santa Fe, Argentina. May 15. Tufted perennial.

**204203.** *IMPERATA BRASILIENSIS* Trin. Poaceae.

No. 1882. Aug. 7. Tufted perennial.

**204204.** *JACARANDA* sp. Bignoniaceae.

No. 1443. July 2.

**204205.** *LEPTOCHLOA DUBIA* (H. B. K.) Nees. Poaceae.

No. 573. San Luis, Argentina. Apr. 21.

**204206 and 204207.** *LEPTOCORYPHIUM LANATUM* (H. B. K.) Nees. Poaceae.

**204206.** No. 1030. Vicinity of Artigas, Uruguay. June 10. Tufted perennial.

**204207.** No. 1104. Vicinity of Rivera, Uruguay. June 11.

**204208.** *LEPTOCHLOA DUBIA* (H. B. K.) Nees. Poaceae.

No. 628. Mendoza, Argentina. Apr. 24.

**204209 and 204210.** *MAPOURIA ALBA* Muell. Agr. Rubiaceae.

**204209.** No. 2033. East bank of Rio Paraná at Iguassó, Paraná, Brazil. Aug. 18.

**204210.** No. 2153. Banks of Rio Paraná, Paraguay. Aug. 21.

**204211.** *MELICA ANDINA* Haum. Poaceae.

No. 633. Mendoza, Argentina. Apr. 22.

**204212.** *MELINIS MINUTIFLORA* Beauv. Poaceae.

**Molasses grass.**

No. 1544. July 11.

**204213 and 204214.** *MICROCHLOA INDICA* (L.) Ktze. Poaceae.

**204213.** No. 1192. Twenty km. west of Rivera, Uruguay. June 14.

**204214.** No. 1832. Aug. 1.

**204215.** *NASELLA EXSERTA* Phil. Poaceae.

No. 797. Osorno, Chile. May 4. Tufted perennial.

**204216.** *NICOTIANA* sp. Solanaceae.

No. 1828. Aug. 1.

**204217.** *OPLISMENUS HIRTELLUS* (L.) Beauv. Poaceae.

No. 1898. Aug. 7.

**204126 to 204303—Continued**

**204218.** *OPLISMENUS SETARIUS* (Lam.) Roem. & Schult.

No. 1388. Vicinity of San Antonio. June 29.

**204219 and 204220.** *PANICUM MILIOIDES* Nees. Poaceae.

204219. No. 1029. Vicinity of Artigas, Uruguay. June 10. Tufted perennial.

204220. No. 1107. Vicinity of Rivera, Uruguay. June 11.

**204221.** *PANICUM TRICHANTHUM* Nees.

No. 1740. Near Montenegro. July 24.

**204222.** *PANICUM* sp.

No. 1098. Vicinity of Rivera, Uruguay. June 11.

**204223.** *PANICUM* sp.

No. 1102. Vicinity of Rivera, Uruguay. June 11.

**204224.** *PANICUM* sp.

No. 1772. São Gabriel. July 29.

**204225.** *PANICUM* sp.

No. 1904. Aug. 7.

**204226.** *PANICUM* sp.

No. 1984. Road between Hotel Casino, and Rio Paraña, Brazil. Aug. 17. Tufted perennial.

**204227.** *PANICUM* sp.

No. 2039. East bank of Rio Paraná, Brazil. Aug. 18.

**204228.** *PANICUM* sp.

No. 2104. Misiones, Argentina. Aug. 19. Perennial.

**204229.** *PANICUM* sp.

No. 2067. Paraná, Brazil. Aug. 18. Perennial.

**204230 to 204232.** *PAPPOPHORUM MUCRONULATUM* Nees. Poaceae.

204230. No. 572. San Luis, Argentina. Apr. 21.

204231. No. 559. Río Cuarto, Córdoba, Argentina. Apr. 20.

204232. No. 623. San Juan, Argentina. Apr. 24.

**204233.** *PAPPOPHORUM PAPPIFERUM* (Lam.) Ktze.

No. 641. Near Río Cuarto, Córdoba, Argentina. Apr. 25.

**204234 to 204236.** *PASPALUM CONJUGATUM* Berg. Poaceae.

204234. No. 1934. Pôrto Alegre. Aug. 15.

204235. No. 2023. East side of Rio Paraná at Iguassú, Paraná, Brazil. Aug. 17.

204236. No. 2095. Misiones, Argentina. Aug. 19.

**204237.** *PASPALUM URVILLEI* Steud.

No. 1195. Vicinity of Rivera, Uruguay. June 11.

**204238.** *PASPALUM NOTATUM* Fluegge.

**Bahia grass**

No. 1027. Artigas Airport, Artigas, Uruguay. June 15.

**204239.** *PASPALUM PLICATULUM* Michx.

No. 1028. Vicinity of Artigas, Uruguay. June 10.

**204240 and 204241.** *PASPALUM URVILLEI* Steud.

204240. No. 1189. Twenty km. west of Rivera, Uruguay. June 14.

204241. No. 1826. Aug. 1.

**204126 to 204303—Continued****204242.** *PASPALUM* sp.

No. 552. Córdoba, Argentina. Apr. 20.

**204243.** *PASPALUM* sp.

No. 563. Córdoba, Argentina. Apr. 20.

**204244.** *PASPALUM* sp.

No. 602. Mendoza, Argentina. Apr. 24.

**204245.** *PASPALUM* sp.

No. 609. San Juan, Argentina. Apr. 22.

**204246.** *PASPALUM* sp.

No. 996. Montevideo, Uruguay. May 7. Perennial.

**204247.** *PASPALUM* sp.

No. 1311. Thirty-five km. north of Florida, Uruguay. June 19.

**204248.** *PASPALUM* sp.

No. 1288. Near Cardona, Soriano, Uruguay. June 18. Tufted perennial.

**204249.** *PASPALUM* sp.

No. 1325. Thirty-five km. north of Florida, Uruguay. June 19.

**204250.** *PASPALUM* sp.

No. 1714. Near Montenegro. July 24.

**204251.** *PASPALUM* sp.

No. 1747. Near Montenegro. July 24.

**204252.** *PASPALUM* sp.

No. 1715. Near Montenegro. July 24.

**204253.** *PASPALUM* sp.

No. 1878. Aug. 7.

**204254.** *PASPALUM* sp.

No. 1905. Aug. 7. Tufted perennial.

**204255.** *PASPALUM* sp.

No. 2021. East banks of Rio Paraná, Brazil. Aug. 17.

**204256.** *PASPALUM* sp.

No. 2098. Misiones, Argentina. Aug. 19. Perennial.

**204257.** *PENNISETUM LATIFOLIUM* Spreng. Poaceae.

No. 2115. Banks of Rio Paraná, Misiones, Brazil. Aug. 20.

**204258 and 204259.** *PENNISETUM PURPUREUM* Schumach.**Napier grass.****204258.** No. 1224. Maldonado, Uruguay. June 8.**204259.** No. 1728. Near Montenegro. July 24.**204260.** *PHARUS GLABER* H. B. K. Poaceae.

No. 2206. Instituto de Agricultura, Pelotas. Aug. 28.

**204261.** *PIPTOCHAETIUM* sp. Poaceae.

No. 1241. Colonia, Uruguay. June 18.

**204262.** *PILOCARPUS* sp. Rutaceae.

No. 2181. Banks of Rio Paraná, Brazil. Aug. 21.

**204263.** *POA ERINACEA* Speg. Poaceae.

No. 493. Near Tecka, Chubut, Argentina. Apr. 6.

## 204126 to 204303—Continued

204264. *POA* sp.

No. 652. Mendoza, Argentina. Apr. 22.

204265. *POA* sp.

No. 655. Mendoza, Argentina. Apr. 22.

204266. *POLYPOGON ELONGATUS* H. B. K. Poaceae.

No. 1879. Aug. 7. Tufted perennial.

204267. *POLYPOGON INTERRUPTUS* H. B. K.

No. 682. Mendoza, Argentina. Apr. 22.

204268. *POLYPOGON MONSPELIENSIS* (L.) Desf.

No. 683. Mendoza, Argentina. Apr. 22.

204269. *RANDIA* sp. Rubiaceae.

No. 1442. Near Guaiba. July 2. Yellow lemon-like fruits.

204270 and 204271. *MANISURIS SELLOANA* (Hack.) Kuntze. Poaceae.

204270. No. 1010. Vicinity of Artigas, Uruguay. June 11.

204271. No. 1293. Near Durazno, Uruguay. June.

204272. *SCHINUS WEINMANNIFOLIA* Engl. Anacardiaceae.

No. 1649. Hills east edge of Pôrto Alegre. July 15.

204273. *SETARIA FIEBRIGII* Herrm. Poaceae.

No. 1839. Aug. 1. Tufted perennial.

204274. *SETARIA GENICULATA* (Lam.) Beauv.

No. 1092. Vicinity of Rivera, Uruguay. June 11.

204275 to 204278. *SETARIA ONURUS* (Willd.) Griseb.

204275. No. 567. Twenty-three km. west of San Luis, Argentina. Apr. 21.

204276. No. 994. Punta Brava, Montevideo, Uruguay. June 7.

204277. No. 1070. Vicinity of Artigas, Uruguay. June 10.

204278. No. 1257. Near Estanzuela, Colonia, Uruguay. June 15. Tufted perennial.

204279. *SETARIA POIRETIANA* (Schult.) Kunth.

No. 1760. Pôrto Alegre. July 26. Broad-leaved perennial.

204280. *SETARIA* sp.

No. 2068. Paraná, Brazil. Aug. 18.

204281. *SORGHASTRUM* sp. Poaceae.

No. 1790. São Gabriel. July 30. Tall, tufted perennial.

204282. *SORGHUM ALMUM* Parodi. Poaceae.

No. 549. Córdoba, Argentina. Apr. 20.

204283. *MUHLENBERGIA ASPERIFOLIA* (Nees & Mey.) Parodi. Poaceae.

No. 603. Mendoza, Argentina. Apr. 24.

204284 to 204287. *SPOROBOLUS POIRETII* (Roem. & Schult.) Hitchc. Poaceae.

204284. No. 916. La Germania Seed Farm, Santa Fe, Argentina. May 15. Tufted perennial.

204285. No. 1036. Vicinity of Artigas Airport, Uruguay. June 10. Tufted perennial.

204286. No. 1100. Vicinity of Rivera, Uruguay. June 11.

204287. No. 1602. Twenty km. south of Pôrto Alegre. July 13.

**204126 to 204303—Continued****204288. SPOROBOLUS sp.**

No. 1778. São Gabriel. July 30. Tufted perennial.

**204289. STENOTAPHRUM GLABRUM Trin. Poaceae.**

No. 1081. Vicinity of Rivera, Uruguay. June 11.

**204290. STIPA HYALINA Nees. Poaceae.****Needlegrass.**

No. 902. La Germania Seed Farm, Santa Fe, Argentina. May 14. Tufted perennial.

**204291. STIPA NEESIANA Trin. & Rupr.**

No. 1214. Near Pando, Canelones, Uruguay. June 8. Tufted perennial.

**204292. STIPA PAPPOSA Nees.**

No. 983. Punta Brava, Montevideo, Uruguay. June 7. Tufted perennial.

**204293. STIPA sp.**

No. 591. Mendoza, Argentina. Apr. 22.

**204294. STIPA sp.**

No. 653. Mendoza, Argentina. Apr. 22.

**204295. STIPA sp.**

No. 706. San Luis, Argentina. Apr. 24.

**204296 and 204297. TRICHACHNE INSULARIS (L.) Nees. Poaceae.**

204296. No. 1105. Vicinity of Rivera, Uruguay. June 11.

204297. No. 2084. Misiones, Argentina. Aug. 19. Tufted perennial.

**204298. TRICHACHNE SACCHARIFLORA (Raddi) Nees.**

No. 593. Mendoza, Argentina. Apr. 22.

**204299. TRICHLORIS sp. Poaceae.**

No. 2089. Misiones, Argentina. Aug. 19. Tufted perennial.

**204300. TRIODIA BRASILIENSIS (Nees) Lindm. Poaceae.**

No. 1031. Artigas Airport, Uruguay. June 10. Tufted perennial.

**204301. TRIDENS sp. Poaceae.**

No. 595. Mendoza, Argentina. Apr. 22.

**204302. TRIODIA HACKELII Arech. Poaceae.**

No. 1053. Vicinity of Artigas, Uruguay. June 10. Short, tufted perennial.

**204303. VITTADINIA TRIFURCATA Griseb. Asteraceae.**

No. 1210. Near Pando, Canelones, Uruguay. June 8.

**204304. CUCUMIS MELO L. Cucurbitaceae.****Muskmelon.**

From Afghanistan. Seeds collected near Kunduz by W. W. Dickinson. Received Dec. 19, 1952.

A Persian-type melon that weighs 8 to 12 pounds.

**204305 to 204307. PISUM SATIVUM L. Fabaceae.****Pea.**

From Australia. Seeds presented by F. H. Brunning Pty. Ltd., Melbourne, Victoria. Received Dec. 22, 1952.

204305. *Collegian*.204306. *Dunn*.204307. *White Brunswick*.

**204308 to 204310.**

From the Union of South Africa. Collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 22, 1952.

**204308.** *CYNODON INCOMPLETUS* Nees. Poaceae.

No. 1388. Roadside at Middelburg, Cape Province. Dec. 12, 1952. (Stolons.)

**204309.** *DIGITARIA* sp. Poaceae.

No. 1401. Two miles south of Brandfort. Dec. 11, 1952. (Stolons.)

**204310.** *PORTULACARIA AFRA* Jacq. Portulacaceae.

No. 1359. North of Grahamstown, Cape Province. Dec. 8, 1952. (Cuttings.)

**204311 and 204312. CITRUS SINENSIS (L.) Osbeck. Rutaceae.****Orange.**

From Spain. Seeds presented by the Director, Estación Naranjera, Burjasot, Valencia. Received Dec. 23, 1952.

**204311.** *Cadenera*.

**204312.** *Sanguina Doble Fina*.

**204313 to 204316. CITRUS spp. Rutaceae.**

From Italy. Seeds presented by R. Hilgeman, FAO, Rome. Received Dec. 24, 1952.

**204313.** *CITRUS RETICULATA* Blanco.

**Mandarin orange.**

*Clementine*.

**204314.** *CITRUS SINENSIS* (L.) Osbeck.

**Orange.**

*Shamouti*.

**204315.** *CITRUS AURANTIUM* L.

**Seville orange.**

**204316.** *CITRUS AURANTIFOLIA* (Christm.) Swingle.

**Lime.**

*Sweet Lime*.

**204317. SOLANUM STOLONIFERUM Schlecht. Solanaceae.**

From Wisconsin. Plant growing at the Potato Introduction Station, Sturgeon Bay. Numbered Dec. 29, 1952.

**204318 and 204319. QUERCUS spp. Fabaceae.**

From Italy. Seeds presented by the Amministrazione Fratelli Borromeo, Milan. Received Dec. 30, 1952.

**204318.** *QUERCUS CASTANAEOFOLIA* C. A. Meyer.

**204319.** *QUERCUS ILEX* L.

**Holly oak.****204320. CASSIA MARILANDICA L. Caesalpinaceae.**

From Ohio. Seeds presented by Hunter Chambers, Sugar Grove. Received Dec. 30, 1952.

**204321 to 204326. RICINUS COMMUNIS L. Euphorbiaceae.****Castorbean.**

From India. Seeds presented by the Director of Agriculture, Bangalore, Mysore. Received Dec. 30, 1952.

**204321.** *Chittaharalu*.

**204324.** *L 72.*

**204322.** *Rosy Castor*.

**204325.** *L 74.*

**204323.** *L 53.*

**204326.** *L 280.*



**204327. EUTERPE LONGIBRACTEATA Barb.-Rodr. Phoenicaceae.****Palm.**

From Brazil. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Dec. 30, 1952.

*Assay.* Collected by Dr. Eugene H. Payne, Belém, Para. Fruits purple; eaten raw by natives.

**204328 to 204330.**

From the Union of South Africa. Collected by R. K. Godfrey, Agricultural Explorer, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 30, 1952.

**204328. BOWIEA VOLUBILIS Harv. Liliaceae.**

No. 1410. Hoornsnek, near Pretoria, Transvaal. Nov. 15, 1952. (Bulbs.)

**204329. HYPOXIS HEMEROCALLIDEA Fisch., Mey., & Avé-Lall. Amaryllidaceae.**

No. 1338. Cape Province. Dec. 6, 1952. (Crowns.)

**204330. ORNITHOGALUM CAUDATUM Jacq. Liliaceae.**

No. 1323. In a thicket on mountain slope between Great Brak River and Blanco. Dec. 4, 1952. (Bulbs.)

**204331 to 204340. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Dutch Guiana. Seeds presented by the Agricultural Experiment Station, Paramaribo, Surinam. Received Dec. 31, 1952.

**204331. Lawoe.**

**204336. Ringgit strain 8/50.**

**204332. Lawoe strain 2/51.**

**204337. Ringgit strain 25/50.**

**204333. Lawoe strain 3/51.**

**204338. Ringgit strain 19/51.**

**204334. Lawoe strain 6/51.**

**204339. Ringgit strain 23/51.**

**204335. Ringgit.**

**204340. No. 27.**



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*Castanopsis kawakamii*, 198947.  
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*Celmisia longifolia*, 201517.  
*Cenchrus* spp., 199953, 202098.  
*Centrosema pubescens*, 199739, 200899,  
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*sagittatum*, 200730.  
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*Ceratonia siliqua*, 200138–200140,  
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- Cherry-laurel, English. See *Prunus laurocerasus*.
- Chestnut, European. See *Castanea sativa*.
- Chickpea. See *Cicer arietinum*.
- Chloris argentinus*, 204163.
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- uliginosa*, 203625.
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- Chrysophyllum cainito*, 201398.
- Chrysopogon latifolius*, 199862.
- montanus*, 199241.
- verticillatus*, 201443.
- Chuquiraga* spp., 202158, 202159.
- Chusquea culeou* f. *longiramea*, 199745.
- quila*, 201454, 201455.
- Cicer arietinum*, 199316, 200386, 200802, 201469, 201856, 203142.
- Cinnamomum camphora*, 202481.
- Citrullus vulgaris*, 200732, 200733, 201419, 201420, 203551.
- Citrus auratifolia*, 204316.
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- limon*, 198984–198986, 199086–199089, 199233, 199306, 199307, 199384, 199385, 199697–199700, 199770, 199771, 200317, 200318, 200384, 200773–200778, 201676–201686, 201790–201792, 201794, 203390.
- reticulata*, 199701, 204313.
- sinensis*, 199702–199706, 204311, 204312, 204314.
- spp., 200385, 201250.
- Clematis* spp., 202278, 202279.
- Clitoria ternatea*, 200803–200810.
- Clover, alsike. See *Trifolium hybridum*.
- Persian. See *T. resupinatum*.
- red. See *T. pratense*.
- strawberry. See *T. fragiferum*.
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- Coffea arabica*, 201924–201926, 201928, 201929, 201932, 201933, 202484, 203132, 203133.
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- mokka*, 201930, 201931.
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- stenophylla*, 203542.
- Coffea*—Continued
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- Coffee. See *Coffea* spp.
- Arabian. See *C. arabica*.
- Coix lacryma-jobi* var. *ma-yuen*, 199068, 199069, 201947, 203951.
- Colchicum variegatum*, 203236.
- Coleus barbatus*, 199317.
- Colletia spinosissima*, 202160.
- Colliguaja integerrima*, 202161.
- Convolvulus* sp., 200214, 203343.
- Copihue. See *Lapageria rosea*.
- Corchorus capsularis*, 203421.
- olitorius*, 203422.
- Cordyline indivisa*, 200586.
- Coriander. See *Coriandrum sativum*.
- Coriandrum sativum*, 199999, 200875.
- Coriaria ruscifolia*, 201983.
- spp., 202438.
- Corn. See *Zea mays*.
- Cornelian-cherry. See *Cornus mas*.
- Cornus mas*, 203237.
- Cortaderia araucana*, 202026, 202439.
- selloana*, 202478.
- Cosmos* sp., 200811.
- Cotoneaster* sp., 202280.
- Cotton. See *Gossypium* spp.
- Cowpea. See *Vigna sinensis*.
- Craniolaria annua*, 201251.
- Craspedia richea*, 201518, 201520.
- richea* var. *macrocephala*, 201519.
- Crataegus monogyna*, 203238.
- pubescens*, 201221.
- Cress, garden. See *Lepidium sativum*.
- Crocus* sp., 203239.
- Crotalaria juncea*, 199318, 203423.
- spp., 199319–199326, 199956, 200215–200217, 200734, 200735, 200812, 203634.
- Croton magdalenae*, 201965.
- Cryptostegia* sp., 202571.
- Cucumber. See *Cucumis sativus*.
- Cucumis africanus*, 203974.
- figarei* var. *echinophorus*, 203975.
- melo*, 199097, 199681, 199682, 200177, 200178, 200813, 201437, 201581, 201857, 203976, 204304.
- sativus*, 199514, 200814–200819, 202801.
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- Cucurbita ficifolia*, 201470.
- mazima*, 199031–199033.
- moschata*, 199014, 200736–200738, 200821–200823, 201252–201254, 201471–201474, 201858, 202079, 203908.
- okeechobeensis*, 201772.
- pepo*, 199015, 199508, 199509, 200824, 200825, 201475.
- spp., 200739.
- Cumin, black. See *Nigella sativa*.
- Cushaw. See *Cucurbita moschata*.
- Cyamopsis tetragonoloba*, 200826.
- Cydonia oblonga*, 199644, 200071–200073.
- Cymbopogon bombycinus*, 199863.

- Cynodon dactylon*, 199242, 203456, 203635-203637, 204173-204175.  
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- Dactylis glomerata*, 199245, 200319, 200338, 201887, 201942, 202281, 202503, 202697.  
*Dactyloctenium aegyptium*, 199957, 200219, 201824.  
*Dalbergia sissoo*, 201909.  
*Danthonia glabra*, 202440.  
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*Datura chlorantha*, 202244.  
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*tiliaefolium*, 199504, 200074.  
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*Desmostachya bipinnata*, 199243.  
*Dichanthium aristatum*, 199054.  
*Dichroa febrifuga*, 201953.  
*Digitaria ciliaris*, 203245.  
*eriantha* var. *stolonifera*, 202028.  
*exilis*, 201689-201697.  
*smutsii*, 199055-199057.  
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*floribunda*, 199763-199768, 200118, 200119, 201172, 201173.  
*galeottiana*, 202077.  
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*tepinapensis*, 201783, 201784.  
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- Distichlis scoparia*, 202029, 202030.  
*spicata*, 202031, 202032, 204177.  
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*Dolichos lablab*, 199327, 199328, 200828-200831, 200877, 201955, 202812, 203409.  
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*Duboisia myoporoides*, 200170-200176.
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*Echinochloa colonum*, 204180.  
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*Ehrharta calycina*, 202504.  
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- Erianthus angustifolius*, 203597, 203726, 203727.  
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- Eriocephalus glaber*, 203353, 203803.  
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*Erythrina* sp., 202658.  
*Eucalyptus kruseana*, 201956.  
     *niphophila*, 201521, 201522.  
     *oleosa*, 201957.  
     *pauciflora*, 201523, 202346.  
     *perriniana*, 201524.  
     *rudis*, 201958.  
     *stellulata*, 201525.  
     *transcontinentalis*, 201610, 201981.  
*Euphorbia lancifolia*, 200892.  
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*Euterpe longibracteata*, 204327.  
  
*Fagopyrum tataricum*, 199769.  
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*Ferocactus* spp., 201966, 203493.  
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     meadow. See *F. elatior*.  
     tall. See *F. arundinacea*.  
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     *arundinacea*, 199249, 200339, 200398, 202820, 203728.  
     *elatior*, 200320, 201179–201182, 203176.  
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     *rubra*, 200321.  
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*Fingerhuthia sesleriaeformis*, 203354.  
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*Foeniculum vulgare*, 202445.  
*Fouquieria burragei*, 200145.  
     spp., 200146, 203494.  
*Fraxinea*, 199267, 199645–199648, 199747–199758, 200717, 201612–201614, 201675.  
     *chiloensis*, 201639, 201793.  
     *vesca*, 201638, 201640, 202526.  
     *viridis*, 202740.  
     sp., 202376.  
*Fuchsia* spp., 202171, 202446, 202447.  
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*Furcraea* spp., 201063, 201435, 203205.  
  
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*Galega officinalis*, 198929.  
*Galium* sp., 202033.  
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*Gaultheria* spp., 201641–201648.  
*Gilia* sp., 203301.  
*Gleditsia amorphoides*, 202377, 203302.  
  
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     *max*, 199292–199294, 200124–200137, 200445–200553, 200592–200296, 200832, 201421–201433, 203398–203406, 204331–204340.  
     *ussuriensis*, 203246.  
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     *arborescens*, 200076, 200591.  
     *aridum*, 201937.  
     *armourianum*, 201967.  
     *brasiliense*, 201911.  
     *davidsonii*, 200147.  
     *harknessii*, 201687.  
     *triphylum*, 200779.  
     spp., 200148, 201673, 201938, 201939.  
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     Bermuda. See *Cynodon dactylon*.  
     canary. See *Phalaris canariensis*.  
     Dallis. See *Paspalum dilatatum*.  
     guinea. See *Panicum maximum*.  
     Johnson. See *Sorghum halepense*.  
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     Napier. See *Pennisetum purpureum*.  
     Natal. See *Tricholaena repens*.  
     orchard. See *Dactylis glomerata*.  
     rescue. See *Bromus catharticus*.  
     Rhodes. See *Chloris gayana*.  
     rooi. See *Themeda triandra*.  
     Sudan. See *Sorghum sudanense*.  
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*Grindelia* sp., 202173.  
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*Gunnera* sp., 202448.  
*Gymnopogon biflorus*, 203865.  
     *spicatus*, 203730.  
  
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*Harpachne* sp., 199336.  
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*Hechtia* sp., 200149.



- Hedysarum alpinum* var. *americanum*, 199782.  
*cinerascens*, 199783.  
*coronarium*, 199250, 199818.  
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- Helianthus*, 201814–201816.  
*annuus*, 201811, 201812, 203819.
- Helichrysum rosmarinifolium*, 201528, 201529.
- Hellebore, American white. See *Vera-trum viride*.
- Hemlock, Japanese. See *Tsuga diversifolia*.
- Hemp. See *Cannabis sativa*.
- Hermannia* sp., 203355.
- Heteropogon contortus*, 199865, 201444, 203414, 204199.
- Hevea brasiliensis*, 200416.
- Heynea trijuga*, 200833.
- Hibiscus cannabinus*, 200834, 203424–203429.  
*micranthus*, 200835.  
*sabdariffa*, 203430.  
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- Hoffmanseggia* sp., 202285.
- Hoheria populnea*, 200587.
- Holcus lanatus*, 202507, 203866.
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- Hordeum bulbosum*, 200340, 200399, 202479, 203956, 204072.  
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*marinum*, 200341.  
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*stenostachys*, 202034.  
*vulgare*, 199304, 202870–202942, 203059, 203060, 203463.  
*vulgare* var. *coeleste*, 202035.  
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- Hovea longifolia*, 201530.
- Hyacinth-bean. See *Dolichos lablab*.
- Hydrocotyle* sp., 201198.
- Hyparrhenia cymbaria*, 203415.  
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- Imperata brasiliensis*, 204203.  
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- Indigofera arrecta*, 199339.  
*hochstetteri*, 201502.  
*pulchella*, 200075.  
*retroflexa*, 199340.  
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- Inodes* sp., 203303.
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*reniformis*, 200837.
- Iris*, 199020, 199022–199024.  
*atropurpurea*, 199019.  
*haynei*, 199021.  
*pumila*, 200382.  
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- Iseilema vaginiflora*, 199866.
- Ixophorus unisetus*, 203690.
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- Jatropha cuneata*, 200151.  
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- Juglans cordiformis* var. *ailantifolia*, 203822.
- Juliania* sp., 203911.
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- Juniperus littoralis*, 200054.  
*rigida*, 200055.
- Jute. See *Corchorus capsularis*.
- Kenaf. See *Hibiscus cannabinus*.
- Kennedyia prorepens*, 201202.  
*prostrata*, 201203.
- Koeleria bergii*, 202176.  
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- Laburnum anagyroides*, 202741.
- Lactuca serriola*, 198938, 202349.  
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- Lapageria rosea*, 201456.
- Lardizabala bitemata*, 201984.
- Larrea* sp., 202450.
- Latania commersonii*, 202074.
- Lathyrus annuus*, 201993.  
*cicera*, 199967, 202803.  
*ochrus*, 199822.  
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- Lemon. See *Citrus limon*.
- Lens culinaris*, 199347, 200002, 201859–201862, 203146–203148.
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- Lepidium sativum*, 199980, 199981, 200878.
- Leptochloa dubia*, 204205, 204208.  
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- Leptocoryphium lanatum*, 204206, 204207.
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- Lepturus repens*, 200229.
- Lespedeza striata*, 199817.
- Leucaena glauca*, 198973, 203175.
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- Libocedrus chilensis*, 202179.
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- Ligustrum* sp., 203304.
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- Lilium amabile*, 200312–200314.  
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- Limeum aethiopicum*, 203358, 203359.
- Linum usitatissimum*, 199683, 199708, 199709, 199968–199970, 200078–200104, 201184, 201171, 202234, 202866, 203410, 203411.  
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- Lippia palmeri*, 200152.  
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- Litchi chinensis*, 202629–202634.
- Lithocarpus brevicaudata*, 198948.  
*glabra*, 198945.
- Lolium gaudinii*, 200344.  
*multiflorum*, 199251, 201980, 202509.  
*perenne*, 198958, 199252, 200322, 201185–201190, 202451, 204080–204089.  
*rigidum*, 200345, 200402, 202676, 204090.  
*temulentum*, 202382.
- Loquat. See *Eriobotrya japonica*.
- Lotononis bainesii*, 201637.  
*cytisoides*, 203017.  
*divaricata*, 203360.
- Lotus corniculatus*, 202700.  
*palustris*, 200346.  
*peregrinus*, 200347.  
*uliginosus*, 202383, 204092.  
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- Luffa aegyptiaca*, 200838, 200839.
- Lupine, European yellow. See *Lupinus luteus*.  
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- Lupinus albus*, 199349, 201674, 202527.  
*leucopsis*, 199784.  
*luteus*, 202528, 203043.  
*pilosus*, 200348, 203241.  
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- Luzuriaga radicans*, 202288.
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- Lycium chilense*, 202180.
- Lycopersicon esculentum*, 199016–199018, 199236, 199237, 199742, 200879, 200880, 201266, 201267, 201476, 201773–201775, 202823, 203229–203232.  
*glandulosum*, 199830.  
*hirsutum*, 199381.
- Lysichitum americanum*, 203045.
- Maihuea poeppigii*, 201985.
- Malus fusca* var. *diversifolia*, 199790.  
*platycarpa*, 203227, 203228.  
*sylvestris*, 199007–199009, 199095, 199096, 199100, 199415–199421, 199525–199533, 199649, 199650, 199662, 199684–199696, 200248–200279, 200377, 200392, 200393, 200576, 200780, 200781, 202036, 202037, 203225, 203226, 203808–203818, 203898.
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- Manfreda* spp., 199622, 201070, 201071, 201082, 201085, 201436, 202598–202602, 203206–203214, 203912.
- Mangifera indica*, 202118, 202635–202648.
- Mango. See *Mangifera indica*.
- Manihot* sp., 200153.
- Manisuris selleana*, 204270, 204271.
- Mapouria alba*, 204209, 204210.
- Mazimowiczia* spp., 200154, 200155.
- Mayten. See *Maytenus boaria*.
- Maytenus boaria*, 202182, 202289, 202290.
- Medic, black. See *Medicago lupulina*.  
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- Medicago*, 202729, 202733, 202735, 202739.  
*arabica*, 199253.  
*arborea*, 199254, 199255.  
*ciliaris*, 198959, 199823, 200349, 204094.  
*falcata*, 202837.  
*hispidia*, 198960, 199256, 201769, 202809, 202838–202840, 204095.  
*hispidia* var. *confinis*, 201204, 202841.  
*denticulata*, 201205, 201206, 202842, 203247.  
*intertexta*, 202843.  
*littoralis*, 202844.  
*lupulina*, 198961, 201207, 202038, 202845.  
*minima*, 202846.  
*murex*, 199257, 202847.  
*obscura*, 204096.  
*obscura* var. *helix*, 202848–202850.  
*orbicularis*, 199258, 200350.  
*rotata*, 200351.  
*rugosa*, 199259, 202851.  
*sativa*, 198962, 198963, 199271–199281, 199305, 201208, 201615, 201863, 201864, 202039, 202291, 202384, 202493–202496, 202730–202732, 202734, 202736–202738, 202824, 202852, 202853, 203177, 203478.  
*scutellata*, 199824, 200352, 202854.  
*tribuloides*, 200353, 202855–202858.  
*tuberculata*, 200354, 200403.  
*turbinata*, 202859, 202860.  
*turbinata* var. *olivaeformis*, 202861, 202862.  
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- Melaleuca pauperiflora*, 202095.
- Melica andina*, 204211.
- Melilotus alba*, 198965, 200355, 202040, 202041, 202292, 202452, 202701.  
*indica*, 200356, 204099–204101.  
*italica*, 202510.  
*messanensis*, 198966.  
*officinalis*, 199260, 202511.  
*segetalis*, 200357, 202512.  
*sicula*, 200358.  
*sulcata*, 204102–204104.  
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*Melinis minutiflora*, 203732, 204212.  
*Mentha arvensis*, 202535.  
*crispa*, 202537, 202538.  
*sylvestris*, 202536.  
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*Microchloa indica*, 204213, 203214.  
 Millet, African. See *Eleusine coracana*.  
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*Miscanthus japonicus*, 199727, 199728.  
*Monnina* spp., 202702, 202703.  
*Muhlenbergia asperifolia*, 204283.  
*Mulinum spinosum*, 202042.  
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*Mutisia* spp., 202183, 203306–203308.  
*Myrceugenia apiculata*, 202454.  
*Myrtus* spp., 202184, 203309.  
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*Nasella exserta*, 204215.  
*Nectandra* sp. 202482.  
 Nectarine. See *Prunus persica* var. *nectarina*.  
 Needlegrass. See *Stipa* spp.  
*Nicotiana ameghinoi*, 202043.  
*tabacum*, 199234, 203525–203532.  
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*Nigella sativa*, 199973, 199974.  
*Nolina beldingii*, 200157.  
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*Nothoscordum fragrans*, 203310.  
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 holly. See *Q. ilex*.  
 Oats, common. See *Avena sativa*.  
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*Olearia megalophylla*, 201532.  
*ramulosa*, 201533.  
*stellulata*, 201534.  
*Ongoeka klaineana*, 199743.  
 Onion. See *Allium cepa*.  
*Onobrychis hypargyrea*, 203467.  
*squarrosa*, 200359.  
*viciaefolia*, 200872, 201511, 201512, 201865, 203468.  
*Oplismenus hirtellus*, 204217.  
*setarius*, 204218.  
*Opuntia* sp., 202704.  
 Orange. See *Citrus sinensis*.  
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*Ornithogalum caudatum*, 204330.  
*Oryza sativa*, 198915–198919, 199539–199554, 201175–201177, 201616, 201786–201789, 201834–201841, 201899–201908, 202092–202094, 202245–202247, 202864, 202865, 202943–203012, 203089–203095, 203281–203283, 203733, 203954, 203955.  
*subulata*, 202185

*Oryzopsis coerulescens*, 199825, 200360, 201888, 204108.  
*holciformis*, 198967, 200404.  
*miliacea*, 200361, 200405–200407, 204109, 204110.  
*Osmorhiza* sp., 202186.  
*Osteospermum spinescens*, 203361.  
*Oxalis bowieana*, 203046.  
*cernua*, 203047.  
*incarnata*, 203048.  
*stipulata*, 203049.  
*violacea*, 203050.  
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*Oxylobium alpestre*, 201535.  
*ellipticum*, 201536, 201537.  
*Pachyrhizus* sp., 200748.  
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*Panicum laxum*, 203735.  
*makarikariense*, 199062–199064, 203520.  
*maximum*, 199065, 199350, 203417, 203868.  
*maximum* var. *trichoglume*, 202497.  
*miliaceum*, 202294, 202295.  
*milioides*, 203734, 204219, 204220.  
*polygonatum*, 203869.  
*sellowii*, 203870.  
*trichanthum*, 203871, 204221.  
*turgidum*, 201889.  
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*Papaver* sp., 202572.  
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*Pappophorum mucronulatum*, 204230–204232.  
*pappiferum*, 204233.  
*subbulbosum*, 202705.  
*Parkinsonia* sp., 203313.  
*Parochetus communis*, 199353.  
*Paspalum alnum*, 203738.  
*compressum*, 202187.  
*conjugatum*, 203873, 203874, 204234–204236.  
*dilatatum*, 202188–202192, 202387, 202388, 203875.  
*guaraniticum*, 202193.  
*inaequivalve*, 203876.  
*jurgensii*, 203877, 203878.  
*malacophyllum*, 202238, 202239.  
*mandiocanum*, 203879.  
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*notatum*, 202389, 202706, 203740, 203880, 204238.  
*plicatulum*, 203391, 203741–203745, 203881, 204239.  
*scrobiculatum*, 199354.  
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*urvillei*, 202045, 202299, 203739,  
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*Passiflora foetida*, 201503, 201504.

Pea. See *Pisum sativum*.

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Peanut. See *Arachis hypogaea*.

Pear. See *Pyrus communis*.

*Pennisetum ciliare*, 199066, 199975,  
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*clandestinum*, 204069.

*latifolium*, 203768, 203884, 204257.

*purpureum*, 200390, 203224, 203769,  
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*spicatum*, 200389.

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*Pentapetes phoenicea*, 199309.

*Pentzia incana*, 203367–203373, 203804.

*spaeocephala*, 203374.

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*Pernettya mucronata*, 202047, 202194,  
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*Persea skutchii*, 202483.

*Phalaris angusta*, 202391.

*arundinacea*, 199261.

*brachystachys*, 202678.

*canariensis*, 203913.

*minor*, 199382, 200363, 202392,  
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*paradoxa*, 202684.

*tuberosa*, 199383, 201891, 201892,  
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*tuberosa* var. *stenoptera*, 202393,  
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*Pharus glaber*, 203885, 204260.

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*Phaseolus acutifolius*, 199826–199828,  
200902, 201268.

*acutifolius* var. *latifolius*, 200749.

*atropurpureus*, 200750, 200903.

*aureus*, 199355, 199740, 200840,  
201866–201875.

*calcaratus*, 199741, 200841, 200842,  
200904, 201505, 201506.

*coccineus*, 199356, 200905, 201270,  
201295, 201297, 201309, 201336,  
201352, 201356, 201477, 202080,  
203931.

*falcatus*, 199357.

*formosus*, 201269.

*grandiflorus*, 200751.

*lunatus*, 199791, 200906–200934,  
201287–201289, 201478, 201479,  
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*speciosus*, 200752.

*tenuellus*, 200935.

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*vulgaris*, 199037–199051, 200936–

201006, 201290–201294, 201296,

201298–201308, 201310–201335,

201337–201351, 201353–201355,

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*xanthotrichus*, 200753, 201007,  
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201020, 201271–201286.

*Phleum alpinum*, 202455.

*arenarium*, 203449.

*commutatum*, 202048.

*pratense*, 199262, 203178.

*subulatum*, 200364, 200408.

*Phoenix reclinata*, 203319.

*Phormium colensoi*, 200589.

*tenax*, 199707, 202649–202653.

*Phragmites communis*, 203567.

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*Phyllanthus* sp., 203939.

*Physalis* spp., 202836, 203940–203943.

*Picea glehnii*, 200056–200057.

*jezpenensis*, 200058, 200059.

*Picris* sp., 199819.

Pigeonpea. See *Cajanus cajan*.

*Pilocarpus* sp., 204262.

Pine, Armand. See *Pinus armandii*.

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*Pinus armandii*, 200843, 203550.

*sylicensis*, 200790.

*thunbergii*, 200060.

*Piper nigrum*, 201770.

*Piptochaetium* spp., 203771, 204261.

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*Pistacia vera*, 198993, 201217–201219.

*Pisum sativum*, 200003, 200755, 201390,  
201391, 201497, 202049, 203064–203069,

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*Plantago patagonica*, 202195.

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*Pleurothallis glaziovii*, 202579.

*Pluchea* sp., 200159.

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*carpa*.

*Poa erinacea*, 202395, 204263.

*fuegianae*, 203477.

*ligularis*, 202050, 202051, 202396,

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*scaberula*, 202456, 202457.

*sinaica*, 201893.

*viridifolia*, 202196.

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*Podocarpus alpina*, 201538, 201539.

*macrophylla*, 200061.

*nagi*, 200062, 200063.

*Polypogon australis*, 202459–202461.  
*elongatus*, 202052, 202709, 203887, 204266.  
*interruptus*, 202204, 202400, 204267.  
*monspeliense*, 202514, 204268.  
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*Populus*, 199723, 199724, 200007–200009.  
*berolinensis*, 199710.  
*canadensis* f. *erecta*, 199713.  
 var. *marilandica*, 199717.  
*regenerata*, 199719.  
*serotina*, 199720.  
*deltoides* var. *missouriensis*, 199711.  
*eugenei*, 199714.  
*gelrica*, 199716.  
*nigra*, 199725.  
*nigra* var. *italica*, 199726.  
*robusta*, 199712, 199715, 199721.  
*vernirubens*, 199722.  
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 Portugal-laurel. See *Prunus lusitanica*.  
*Portulacaria afra*, 204310.  
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*Pouteria ucuqui*, 199785.  
*Pratia* sp., 202205.  
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*Prosopis chilensis*, 200844.  
*denudans*, 202206.  
*strombulifera*, 202401.  
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*Prunus*, 199006, 199026–199028, 200010.  
*armeniaca*, 199395, 199396, 199402–199411, 199651, 202612, 202613.  
*armeniaca* var. *ansu*, 200011.  
*avium*, 198981–198983, 199266, 199422–199429, 199431–199453, 199455–199502, 199505, 199652, 199663–199665, 199673–199676, 200066, 202053, 202119, 202120, 202614–202619.  
*campanulata*, 200012, 200013.  
*canescens*, 200014.  
*cerasoides*, 200015.  
*cerasus*, 199653, 199654.  
*cerasus* var. *semperflorens*, 203823, 203833.  
*conradinae*, 203824.  
*cornuta*, 200016.  
*cyclamina*, 200017.  
*dasycarpa*, 200018.  
*dauidiana*, 200019, 200020.  
*dawcykensis*, 200021.  
*dielsiana* var. *laxa*, 200022.  
*domestica*, 199413, 199414, 199655, 199656, 200067–200070, 202054, 202055, 202207, 202620–202626.  
*effusa*, 199430, 199454.  
*fenzliana*, 200023.  
*fruticosa*, 200024.  
*incisa*, 200026.  
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*incisa* × *sargentii*, 200025.

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*jacquemontii*, 203825.  
*juddii*, 200028.  
*kansuensis*, 200029.  
*latidentata*, 203826.  
*laurocerasus*, 200031–200035.  
*litigiosa*, 203829.  
*lusitanica*, 200036–200038, 203827.  
*mandshurica*, 200040.  
*maximowiczii*, 203828.  
*mume*, 200041, 200042.  
*nipponica* var. *kurilensis*, 200030.  
*persica*, 198974–198976, 199387–199394, 199397–199401, 199522–199524, 202604–202611.  
*persica* var. *nectarina*, 201934.  
*pilosiuscula* var. *media*, 203830.  
*pleiocerasus*, 203831.  
*prostrata*, 200043.  
*pseudocerasus*, 203832.  
*rufa*, 200044.  
*sargentii*, 200045.  
*scoparia*, 200046.  
*scopulorum*, 200047.  
*serrula*, 200048.  
*serrulata*, 200049.  
*setulosa*, 200050.  
*spinosa*, 203182.  
*tangutica*, 200051.  
*ussuriensis*, 200555.  
*virginiana* var. *demissa*, 203180, 203181.  
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*Pseudopogonatherum irritans*, 199867.  
*Pseudotsuga japonica*, 200064.  
*Psilanthopsis kopakata*, 203140.  
*Psophocarpus tetragonolobus*, 200845.  
*Psoralea bituminosa*, 200365.  
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*Pteronia glaucescens*, 203376.  
*Puccinellia distans*, 203469.  
*glaucescens*, 202208.  
*parviflora*, 202056, 202403.  
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*Pucraria lobata*, 203248.  
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*Pyraecantha coccinea*, 203240.  
*Pyrus communis*, 199412, 199657–199660, 199762, 199789, 200280, 200281, 200378, 202057.  
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*Quercus acutissima*, 203564.  
*aegilops*, 203576.  
*brutia*, 198952, 203536.  
*castaneaefolia*, 198944, 204318.  
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*ilex*, 198946, 198956, 199238, 203287, 203538, 203579, 204319.  
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*suber*, 198955, 200120, 203692.  
*thomasi*, 198953, 203539.  
*trojana*, 203581, 203582.  
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*Quillaja saponaria* 202301.  
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*Randia* sp., 204269.

*Raphia taedigera* 202229.

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*Relchela panicoides* 202463, 203888.

*Rhapis humilis*, 199099.

*Rhododendron*, 201896–201898, 202127,  
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*augustinii*, 202743.

*auritum*, 202744.

*brachyanthum*, 202745.

*campylocarpum*, 202746.

*canadense*, 203694.

*canescens*, 203695, 203696.

*canescens* var. *candidum*, 203697.

*caucasicum*, 202747.

*griersonianum*, 202748.

*indicum*, 199300.

*linearifolium* var. *macrosepalum*,  
 199302.

*makinoi*, 199301.

*mucronatum*, 199299.

*nudiflorum*, 203698.

*nudiflorum* f. *glanduliferum*,  
 203699.

*serpyllifolium*, 199303, 202749.

*Rhynchosia usambarensis*, 199360.

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*Rhytachne* sp., 203418.

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*Ricinus communis*, 199979, 201781,  
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*Rosa brunonii*, 203704.

*elegantula*, 203705.

*laevigata*, 203706.

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*multibracteata*, 203709.

*omeiensis*, 203710.

*primula*, 203711.

*roxburghii*, 203712.

*rubus*, 203713.

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*soulieana*, 203715.

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*sweginzowii*, 203717.

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*ensis*.

*Rubus*, 201658.

*glaucus*, 199386, 201649–201657.

*henryi* var. *bambusarum*, 198987.

*hondurensis*, 199269, 201659.

*macrocarpus*, 201660.

*pinnatus*, 203018.

*rigidus*, 203019.

*rosaefolius*, 202485.

*shankii*, 199270, 201661.

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*Rumex hymenosepalus*, 200870, 201828.  
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*Ruta graveolens*, 202211.

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*florum*.

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*Sabal minor*, 202863.

sp., 200163.

*Saccharum*, 198921, 198922, 199517–  
 199520, 199729–199732, 200323–200327,  
 201149–201169, 201222, 201827,  
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*Salsola* spp. 203377, 203378.

*Salvia* spp., 201970, 202574.

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*Sanguisorba* spp., 200409, 202309.

*Sapium* sp., 200164.

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*Scaphyglottis punctulata*, 201936.

*Schinus weinmannifolia*, 204272.

*Schoenocephalum martianum*, 198980.

*Schrankia argentinensis*, 203663.

*Scirpus californicus*, 202059.

*Scorpiurus muricata*, 199820.

*sulcata*, 204113.

*Secale cereale*, 201112–201127, 201810,

201959, 201991, 201992, 202490–202492,

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*Selago albida*, 203379.

*speciosa*, 203805.

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*Senecio otites*, 201986.

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*grandiflora*, 200849, 200850.  
*marginata*, 203323.  
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*trinervia*, 199361.  
*verticillata*, 202409, 203774, 203775.  
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- Sicyos* sp., 200165.
- Simmondsia chinensis*, 200166, 202322,  
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- Sinocalamus latiflorus*, 199308.
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- Sisyrinchium striatum*, 199746.  
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- Smilax* spp., 201977, 202078.
- Snowdenia polystachya*, 199983.
- Soapbark tree. See *Quillaja saponaria*.
- Solanum*, 198970.  
*andigenum*, 201848.  
*antipoviczii*, 201849.  
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*laptaticum*, 201846.  
*longipedicellatum*, 201855.  
*macranthum*, 203141.  
*melongena*, 199515, 199516, 200856,  
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*muricatum*, 199661, 202543.  
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- Spartina* sp., 203781.
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- Sphaeralcea* sp., 202466.
- Spinach. See *Spinacia oleracea*.
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*patagonica*, 202468.  
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- Strophanthus*, 198937.  
*amboensis*, 198930.  
*divaricatus*, 199643.  
*gossweilerii*, 198931.  
*hirsutus*, 198932.  
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*sarmentosus*, 199002, 199003,  
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*schuchardtii*, 198935, 198936.  
*wightianus*, 200718.  
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- Stylosanthes* sp., 199985.
- Sugarcane. See *Saccharum*.
- Sulla. See *Hedysarum coronarium*.
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*thalii*, 202816.  
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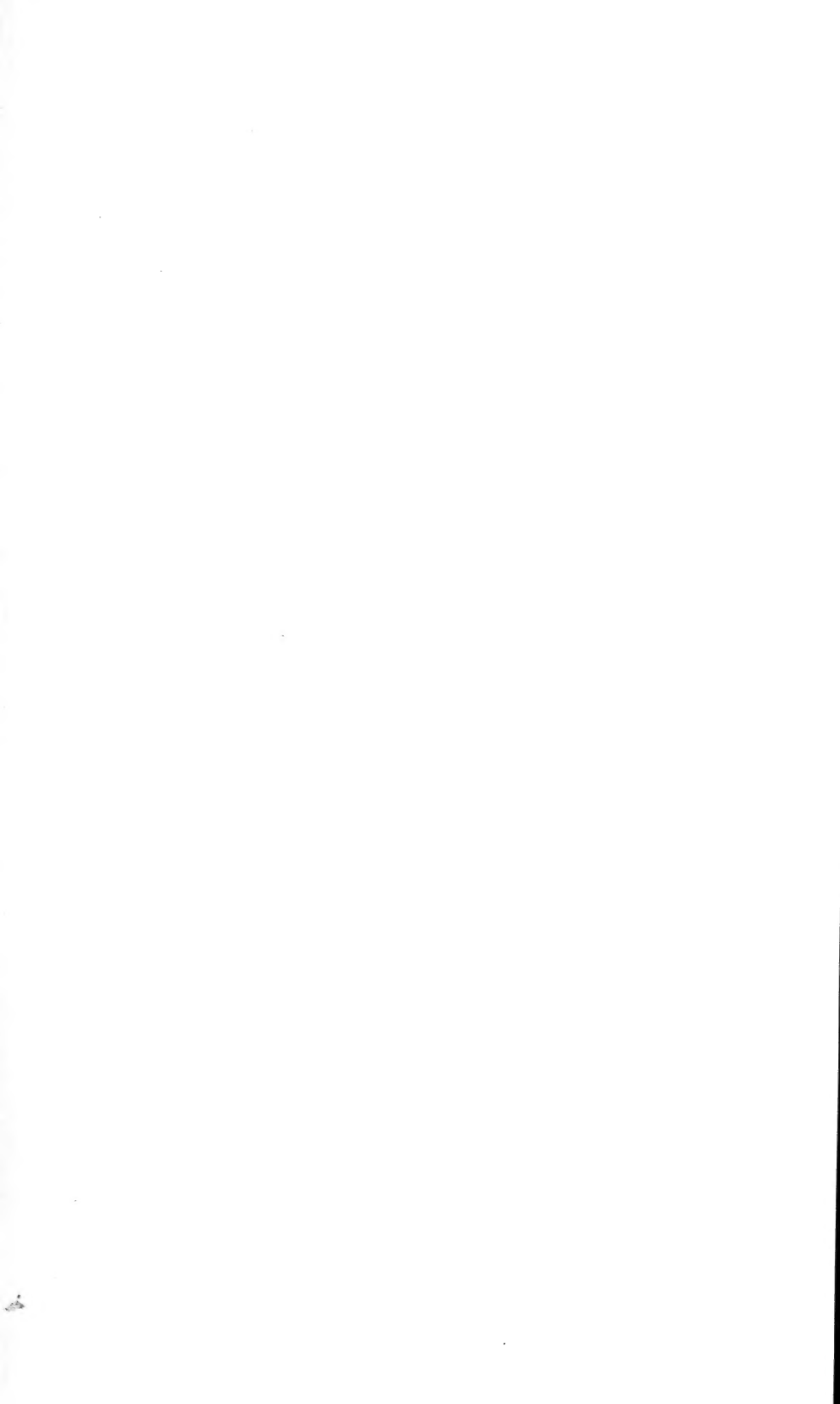
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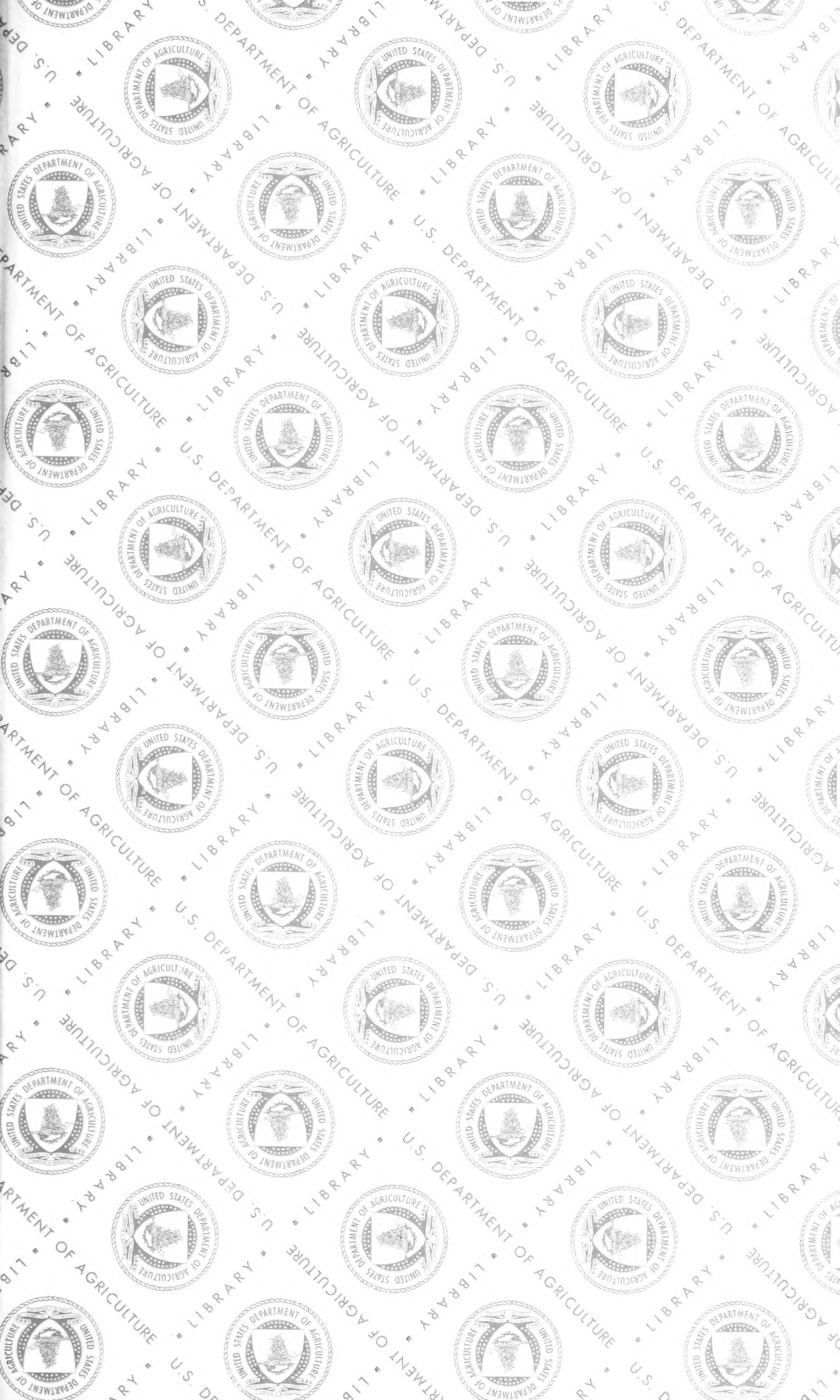












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